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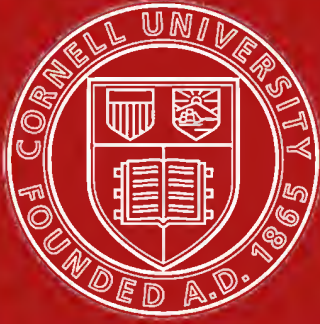
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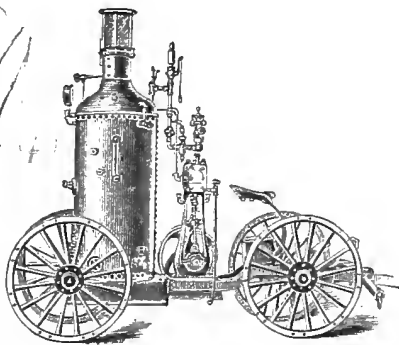
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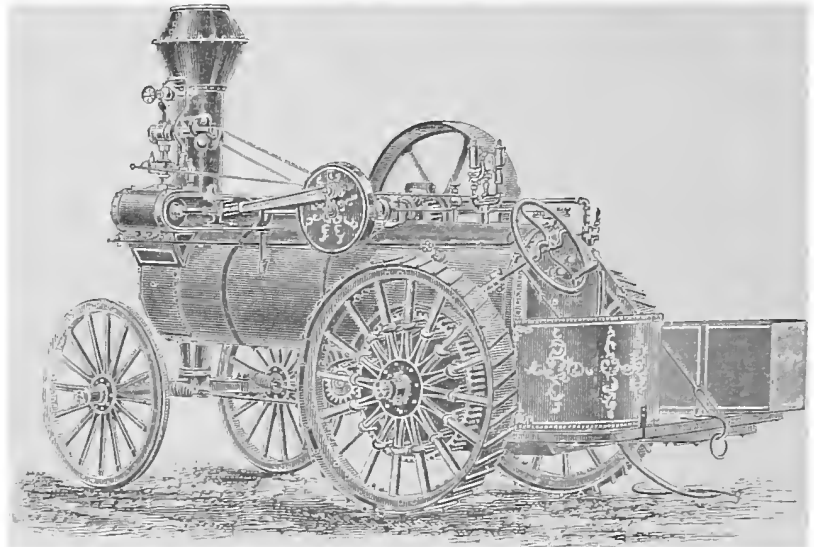
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See Page 27

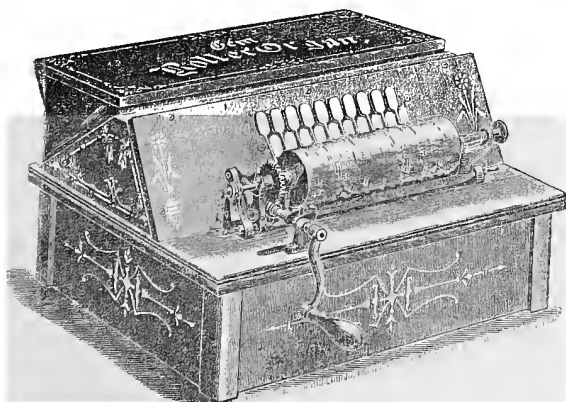
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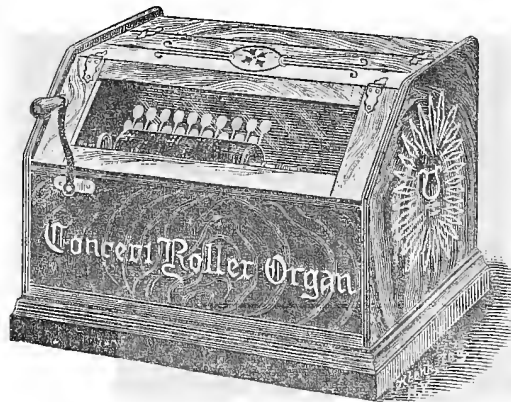
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See Page 36.

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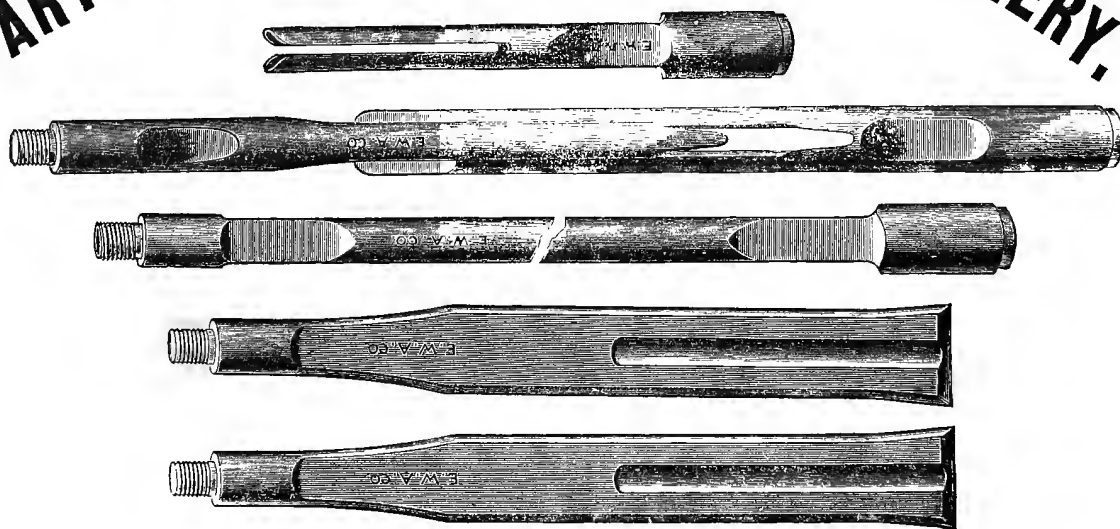
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See Page 34.

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Standard Well Tools and Machinery and Contract for Deep and Shallow Wells.

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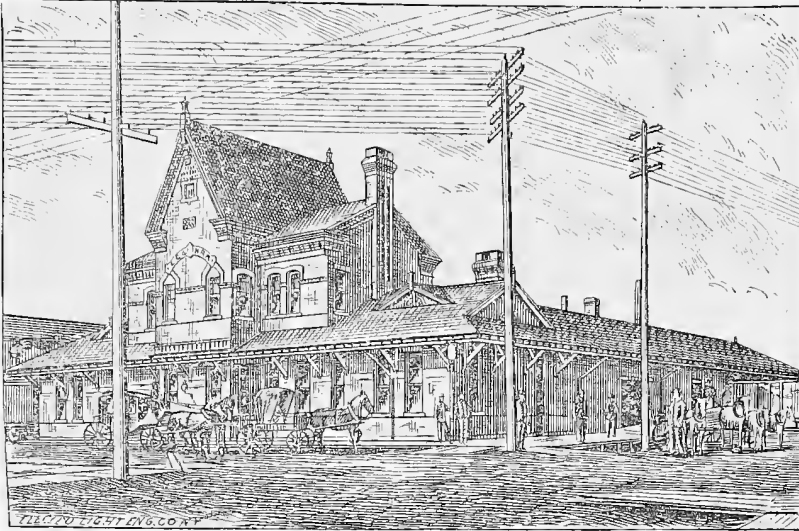
See Page 42.

THE ELMIRA, CORTLAND AND NORTHERN R. R.

Operates 140 miles and traverses a fertile section of New York. No road leading out of Elmira has been more patronized or popular with excursionists than this, and thousands of people are taken out of, or brought into, the city during summer months. It traverses a country unequalled in the agriculture of

The passenger department of the road is provided with elegantly appointed coaches, while the equipment of engines and other factors which guarantee the lives and safe transport of passengers and traffic are in general up to the highest standard. The running of trains has always been effected with mathematical

the United States, and abounding in beautiful scenery that opens up like an unending panorama along the entire route, dotted at short intervals with prosperous and populous towns and cities, the principal ones being, Elmira, N. Y., Ithaca, N. Y., with its famous gorges, beautiful scenery and world-renowned Cornell University; Cortland, the city of manufacture, with its enormous factories; DeRuyter, Cazenovia, Canastota and Camden, N. Y., cities that have made wonderful



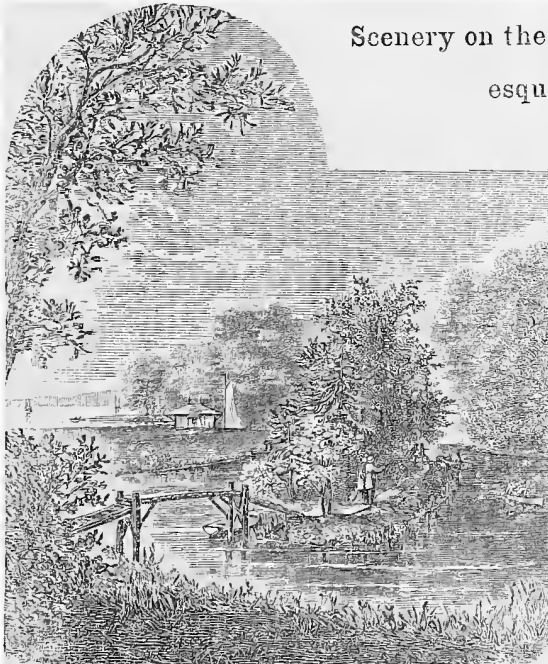
E., C. & N. DEPOT, ELMIRA, N. Y.

progress since the completion of this road, which affords them excellent transportation facilities to the most remote parts of the country, and, by developing their resources has tempted manufacturers to locate here. The dense forests, beautiful valleys, numerous mountains, lakes and streams which fairly teem with game of every description, have made the route of the E., C. & N. a favorite one with tourists and sportsmen

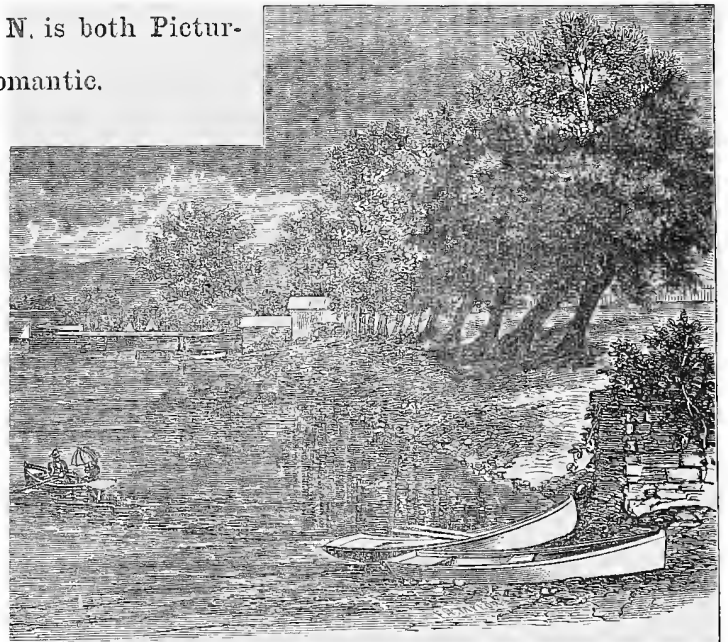
the E., C. & N. is in excellent hands, men of broad guage, unerring in judgment, possessing sagacity, discernment and foresight—men who are fully equal to the problem of successfully managing a great modern railway enterprise. The president of the road Mr. Austin Corbin, whose office is located at 192 Broadway, New York, is ably assisted in the management of the road by Albert Allen, general superintendent,

precision and certainty, and there are fewer records of fatalities and accidents than any other road in the country. The E., C. & N. for safety and comfort is not excelled and by close connection the traveler avoids tedious delays, and no road of equal length connects with so many of the leading lines in this part of the country. Tourist's tickets either one way or return to all pleasure resorts may be purchased of any of the agents along the line.

Scenery on the E. C. & N. is both Picturesque and Romantic.



SCENE ON THE E., C. & N.



SCENE ON THE E., C. & N.

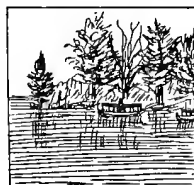
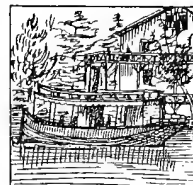
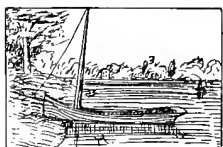
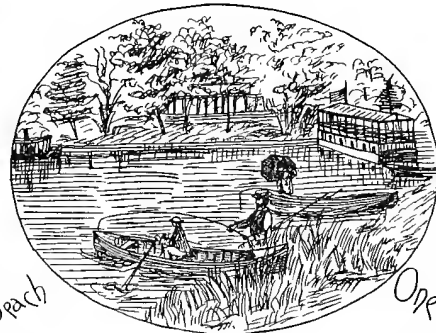
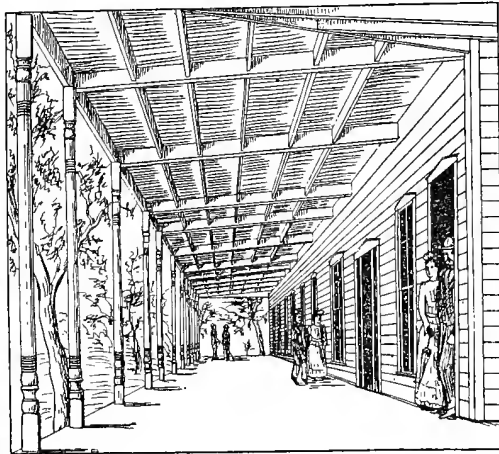
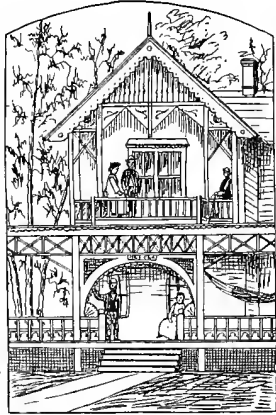
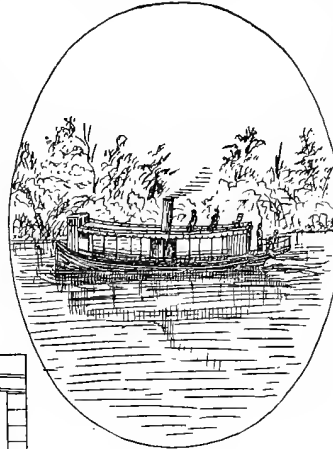
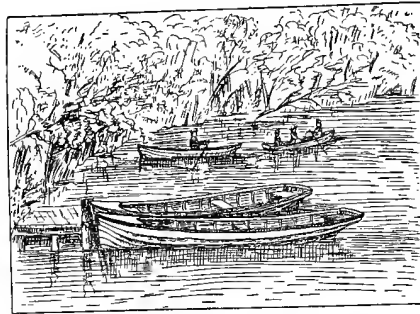
who repair to these localities during the seasons. The road penetrates some of the most gorgeously beautiful and picturesque sections of New York. Dark gorges and beautiful glens, all of them visible to the eye from the passing train, to attract attention of travelers.

T. Kearsley, master mechanic and F. H. Morse, car accountant, with headquarters at Cortland, N. Y., C. W. Williams, general freight and passenger agent, M. A. Smith, auditor and purchasing agent, with offices in Elmira. These gentlemen are industrious

workers and never tire in their endeavor to make the E., C. & N. one of the most comfortable and popular routes in the country.

Sylvan Beach. The Coney Island of Central New York, has become one of the most popular summer resorts, and is located on Oneida lake, 128 miles from Elmira. It is twenty-six miles long and six miles

are forgotten. One of the greatest attractions of this famous resort with a beach of over one mile in length, without a stone or even a pebble, is a plunge in the rolling surf these warm summer days. The water at a distance of nearly 300 feet from the shore is scarcely over four feet deep and a bath in its crystal waters is always to be remembered. Amusements of all kinds including toboggan slides, roller coasters, merry-go-round, music, dancing, etc., are to be enjoyed here and are liberally patronized by excursionists. There are several first-class hotels containing within themselves every possible improvement known to the modern hotel of the highest rank, at which concerts are given by first-class bands daily. Oneida lake is undoubtedly the most charming and beautiful of all sheets of water, with which the State abounds and Sylvan Beach is the easiest to approach and the nearest to the comforts of civilization, and for people of limited as well as abundant means, there could possibly be no better or more appropriate place for a summer outing. One cannot imagine a place better designed for the complete enjoyment of picnic parties than Sylvan Beach; not a pleasant day during the season, but witnesses the departure from the various stations of the E., C. & N. of numerous parties for a days' outing at this pleasure resort, where they can enjoy a ride on the lake or up Wood river, a shady wind-



Sylvan Beach

Oneida Lake

wide and affords excellent opportunities for fishing and camping parties. The water is of great purity and depth and the fish that abounds in its waters are fit for the epicurean palate, and the breezes which sweep down its attenuated length are robbed of midsummer caloric. There is something so restful, entertaining and care-free in a voyage upon Oneida lake, on one of the excellent boats that it will linger pleasantly in memory long after other features of a summer four

ing stream well stocked with fish. Any information concerning Sylvan Beach will gladly be furnished by Mr. C. W. Williams, the popular passenger agent of E., C. & N., and we would advise parties who contemplate getting up an excursion or any outing of any kind to consult the above named gentleman or any agent along the line, all of whom will be found courteous and polite, and will gladly give all the information desired.

To residents on the E. C. & N. we would state that arrangements can be made whereby seats can be reserved in advance, at the Opera House at Elmira and Mr. Smith, the manager, informs us that nothing but the best attractions on the road will be played. He is one of the best known and posted managers in the country, knows just what the people want, and will not allow any "snap" company to impose on the theatre goers of this section.

ITHACA, N. Y.

AS A CITY OF

RESIDENCE AND MANUFACTURE.

Illustrated.

No claim for originality is advanced, our object being to present a complete resume of the healthy condition of commerce and traffic and the flourishing condition of the manufacturing, banking, wholesale and retail houses, and trade circles generally, together with interesting reading matter pertaining to the early events of the city, the advantages of



THE FOREST CITY AS A SUMMER RESORT



AND

EDUCATIONAL CENTER,

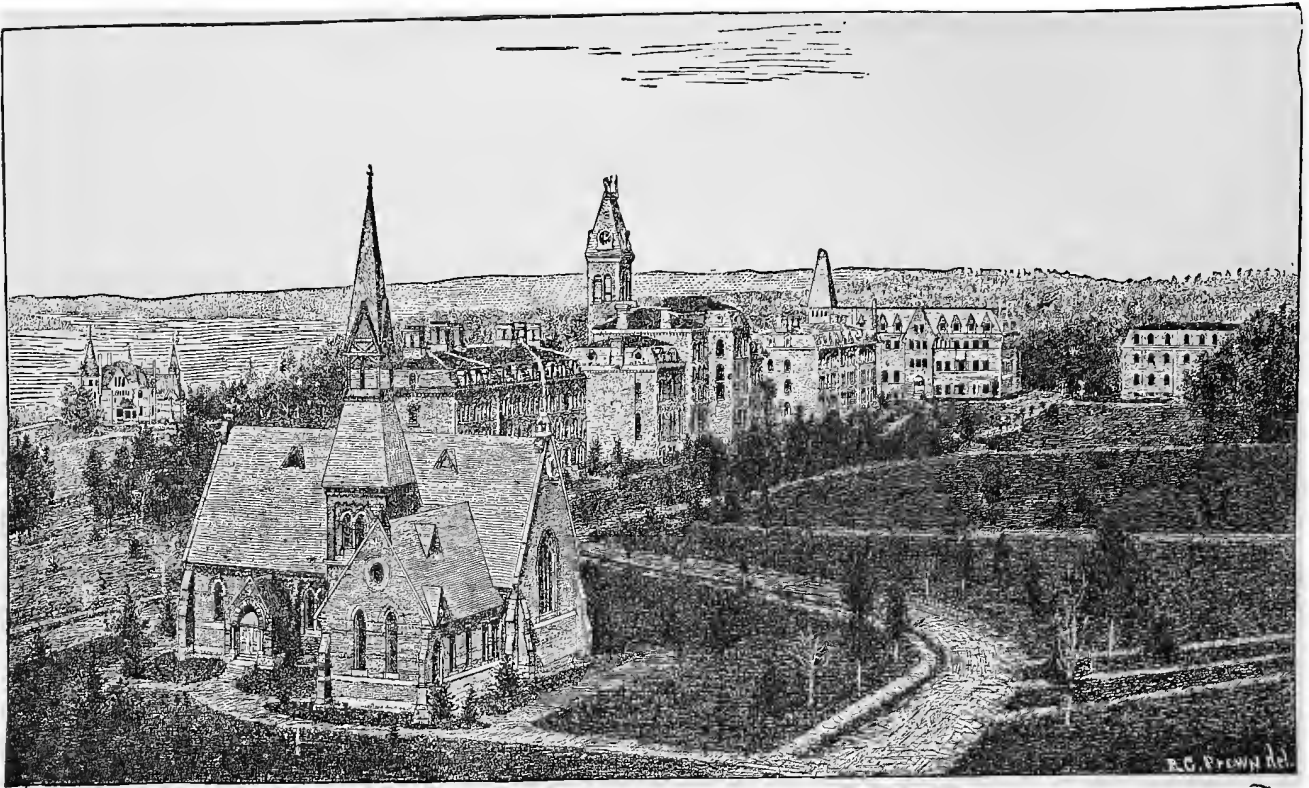
AS WELL AS ENGRAVINGS OF PROMINENT BUSINESS MEN, PUBLIC BUILDINGS, FACTORIES,
SCENERY, ETC.

Issued under the Auspices of the Elmira, Cortland & Northern R. R.

COMPILED BY J. A. MILLER.

PUBLISHED BY
J. A. MILLER & CO.
AUGUST, 1891.

Publishers of Reviews
OF
Leading Cities of America.



BIRDSEYE VIEW OF CORNELL UNIVERSITY.



VIEW OF CAYUGA LAKE FROM THE CASCADILLA SCHOOL ATHLETIC FIELD. See page 15.

CORNELL UNIVERSITY.

Mr. George William Curtis relates that one day in 1861 he was sitting in the study of Professor Andrew D. White, at the University of Michigan, and that in the course of a conversation explaining the nature and characteristics of that institution, Professor White said to him that there ought to be a great university organized on a somewhat similar plan in central New York. This historical scholar then went on to relate how, in his opinion, the colleges of the Empire state fell very far short of accomplishing what was called for by the demands of the hour. This conversation is of historical interest, because it reveals the fact that several years before Cornell University was founded the ideas that ultimately entered into it were even then somewhat fully matured. In 1863, Professor White was called back to his former home at Syracuse, in New York, by important business affairs in which he was then interested. At the next election he was chosen to represent the Onondaga district in the New York Senate. When the Legislature met, in January, Mr. White, (then the youngest member) found occupying a seat near him, a plain, stern, farmer-like looking man, already past middle life, who bore the name of Ezra Cornell. These gentlemen had never met each other before, but they were soon drawn by a common interest into very close fellowship and friendship. One day Mr. Cornell said to Mr. White that he had about half a million of dollars more than was necessary for his family, and that he should be glad to know how he could best use the money for the good of his fellow men. It happened that at that very time the Legislature was under the necessity of considering what course should be taken in regard to the very important educational act of 1862, and Mr. Cornell then came forward with a proposition that if the Legislature would devote the fund to the support of an insti-

tution at Ithaca, he would supplement the grant with a gift of half a million of dollars. This proposition could not at once be accepted. There were some who believed that the number of colleges in the state was already enough, and there were others who maintained that a greater good would result from a reinforcing of the colleges already in existence; but these antagonistic views could not be speedily brought together. The result, after nearly two years of heated discussion, was the acceptance of Mr. Cornell's proposition, and the adoption of the charter of Cornell University. This instrument bears date of April 27, 1865, and the University was formally opened on the 7th of October, 1868. The favor with which this new enterprise was received by the public was immediate and emphatic. The general nature of the project had become generally known. One of the sayings of Mr. Cornell to the effect that he "would found an institution where any person could find instruction in any study," had

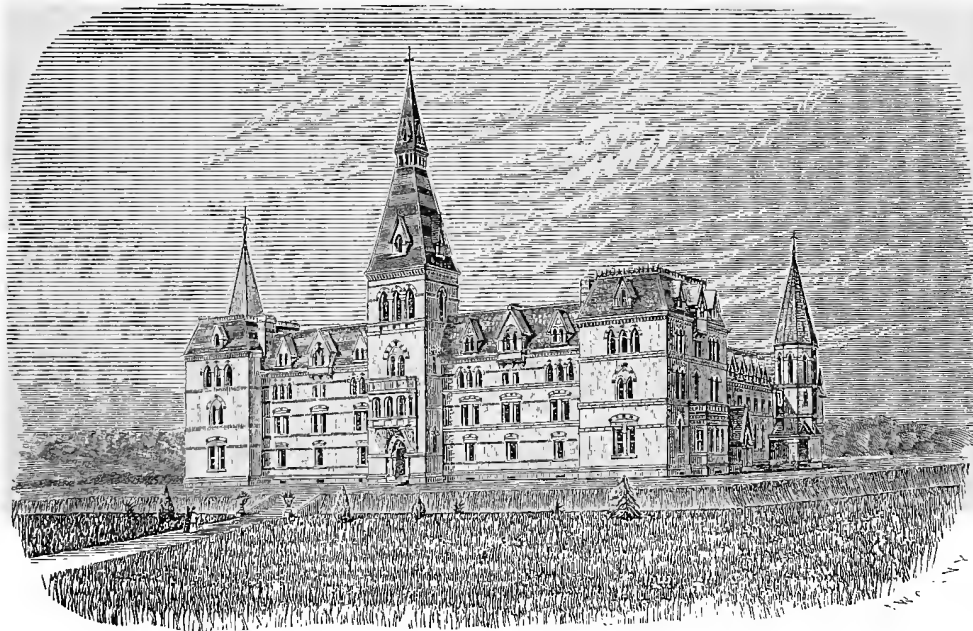
been taken up by the newspapers and given wide-spread publicity. The consequence was that on the opening day of the University, and indeed for some days before, the roads leading to Ithaca had been well covered with pilgrims coming to this new fount of knowledge. Not less than about six hundred young seekers after truth,

bringing all grades of preparation, from that given at the humblest of grammar schools to that afforded by the proudest academy in the land, scrambled for places at the opening doors of the University on that October day. About four hundred were actually admitted to the University. The plan of organization adopted by the trustees gave emphasis to

what may be called the industrial side of education. There was at once established a strong department of Agriculture, a school of Civil Engineering, a school of Mechanical Engineering and the Mechanic Arts,



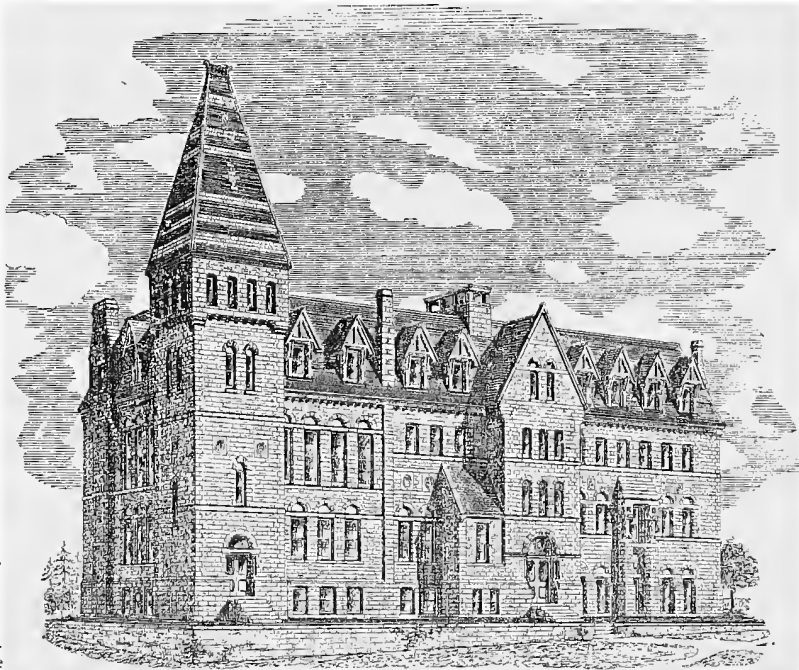
ARMORY.



SAGE COLLEGE.

and a school of Architecture. Besides these, an effort was made to provide exceptionally good facilities for studies in Chemistry and in the Natural Sciences, as well as in the Ancient and Modern Classics and in History and Political Science. A strong corps of non-resident lecturers was at once secured. Professor Goldwin Smith, Regius Professor of History at Oxford, was induced to come over from England and identify himself with the fortunes of this new enterprise. Louis Agassiz, George William Curtis, James Russell Lowell and Theodore Dwight gave a valuable impulse to the institution by their courses of lectures during the first years after its organization. Before a single class had completed its course the students numbered nearly six hundred. Since 1885, the helm of the institution has been in the hands of President Charles Kendall Adams, LL. D., who had succeeded President White as professor of history in the University of Michigan. The policy of President Adams has been at once to solidify and compact the organization of the departments already established under President White, and to add such new features as have seemed to be called for by the larger numbers attending the University. During this period of development the growth of the University has been phenomenal. The number of professors and teachers of other grades regularly employed is now about one hundred and ten. This very large teaching force has been supplemented by thirty or forty non-resident representatives of the various branches of learning. The number of students in attendance in 1890-91 is thirteen hundred and ninety-two; and of these, somewhat more than a hundred are pursuing graduate work. The prosperity of the University is readily accounted for by the large expenditures that have been made, not only for the best teachers that could be procured, but also for the material equipment of the various departments. Any stranger who visits the grounds of the University is surprised at the number and the size of the college buildings. In stone, there are the Cascadilla Place, Morrill Hall, McGraw Hall, White Hall, Franklin Hall, Sibley College, Lincoln Hall and the Library. In brick, there are the Armory and Gymnasium, the Sage Chapel, Sage College, Barnes Hall, Morse Hall, the Laboratory of Electrical Engineering, the Sibley College Machine Shops and the Laboratory of Mechanical Engineering. Besides this array of noble structures the campus of about seventy acres contains the residences of more than thirty officers of instruction. Adjacent to the campus on the east side is the domain of the College of Agriculture, which in its varied departments occupies nearly a hundred and fifty acres. From the first

it was the desire of the founder that co-education should be a characteristic of the University. It was not, however, until 1874 that the admission of women was made practicable by the erection of Sage College. In that year the beautiful structure was completed which has since become the delightful home of a large number of the women admitted to the University. For the founding of the college for women Mr. Henry W. Sage gave a quarter of a million of dollars, about one hundred and thirty thousand of which was devoted to the erection of the building and the remainder to its endowment. This structure, now under the control of a business manager and a principal, is the abode of about one hundred young women. These are admitted to all the classes of the University. Mr. Sage soon supplemented this noble gift by the erection of Sage Chapel; and his son, Mr. Dean Sage, soon endowed the preachship. But the crowning work of Mr. Sage's generosity to the University was shown in the



THE PHYSICAL AND CHEMICAL LABORATORY OF THE CORNELL UNIVERSITY, ITHACA, N. Y.

PHYSICAL AND CHEMICAL LABORATORY.

erection and endowment of a University library. The building, which in midsummer of 1891 is receiving the finishing touches of the builders, is to be completed at a cost of nearly three hundred thousand dollars; and the same munificent benefactor adds to the gift of the building an endowment of three hundred thousand dollars, the income of which is forever to be devoted to the purchase of books. Another beautiful gift to the University was that of Mr. A. S. Barnes, the eminent publisher of New York. The building which bears his name was given for the purposes of the Christian Association and such other uses of the University as may be found not to conflict with the needs of the association. This building has become the real heart of the University. Almost every evening of the week a meeting is held in some one of its numerous rooms. The regular exercise prescribed by the faculty and afforded by the gymnasium insures an unusual measure of health to all classes of students, and the success of the various athletic organizations in competition with other colleges testifies to the spirit and the vigor with which athletic sports are carried on. Other buildings are to be erected in the near future. The School of Law which was founded only four years ago has already more than one hundred and twenty students and the demand for a new building is imperative. The foundations will be laid in the summer of 1891 and it is expected that in the fall of 1892 a new, commodious and elegant building will be ready for occupation. Provision has also been made for a building which shall bring together all the departments which constitute the College of Agriculture.

The Cascadilla School. About midway between the Cornell University campus and the E. C. & N. depot is situated a large brick building, overlooking both campus and city. From its commanding position it at once attracts the traveler's attention and on enquiring, one learns that it is the new home of the

CASCADILLA SCHOOL.

To residents of Ithaca and former Cornell students the school has been known for nearly fifteen years as a special preparatory school for Cornell University, conducted by Professor Lucian A. Wait, at Cascadilla place. But the facilities there offered were found inadequate to meet the constantly increasing demands. During the past year, 1890, the new school building was erected, and to meet the changed condition the school has been entirely reorganized. The school-house, consisting of three stories, is a marvel of its kind. On the first floor is the library and office of the director and principal, a large study room and closets. On the second floor are three large class rooms, so

progress may be noted and his faults corrected. The work of the gymnasium is placed in charge of a competent instructor, who also personally directs all out-of-door sports. The athletic grounds, proper, are situated on the north side of Fall Creek, directly opposite the McGraw-Fiske mansion. It is confidently believed that no better selection could have been made in Ithaca, either in point of healthfulness, beauty of surroundings, or natural advantages. Situated four hundred feet above Cayuga Lake, and commanding a view of twenty miles over the water to the north and twelve or fifteen miles to the south-west up a beautiful valley, with an open field and plenty of room for foot-ball, base-ball, tennis, running, and kindred sports, with two natural terraces on the north-east side, fifteen to thirty feet in height, overlooking the field,—it is clear that the natural advantages of the Cascadilla athletic grounds are all that could be desired.

BOATING AND SKATING.

All boys have not the same tastes ; all sports are not



VIEW OF CASCADILLA SCHOOL.

arranged as to receive an abundance of light from one side only, with slate black boards, folding seats, and all the latest approved modern appliances. The entire third floor is reserved for gymnasium and bath rooms. The gymnasium apparatus has been selected for the school by Dr. Hitchcock, professor of physical culture in the Cornell University. In the spacious halls are recesses for reading desks, which will be supplied with the best current magazines and newspapers. The building is finished throughout in oak, fitted for both electric lighting and gas, has electric bells, speaking tubes, the hot air method of ventilation, heated by steam—in short, it is, according to the most modern ideas, a model school building.

PHYSICAL CULTURE.

It is recognized that a temperate and judicious system of physical training has peculiar claims upon every well-meaning school. To this end each boy, soon after his admission to the Cascadilla school, is given a careful physical examination to determine what is best for his bodily development ; these examinations are repeated from time to time, that the boy's

equally attractive to any one boy. In order that no pupil of the Cascadilla School may be excusable for neglect of physical exercise, the School has recently acquired about twenty acres of land at the head of Cayuga Lake, with a frontage of twelve hundred feet on the lake and upwards of a quarter of a mile on Fall Creek. Boys are encouraged to make good use of this water privilege, but only when in charge of a competent instructor. The water off-shore for nearly a quarter of a mile scarcely exceeds ten feet in depth ; the bottom slopes gently away, affording excellent facilities for bathing. In winter, Fall Creek and the shallow portions of the lake are unrivaled for skating. The increased attendance from abroad has rendered suitable home accommodations imperative. During the past year about one-third of the pupils have had homes under the personal supervision of teachers. Arrangements have been made for the reception in the fall of 1891 of all students who may desire a home with the principal. The advantages offered in this way by the school are among the most desirable in the city. The *Cornell Era*, published by the students of the Univer-

sity, in its issue of January 31, 1891, speaks as follows concerning the school: "The principal is James E. Russell, A. B., Cornell, '87, who, since graduation, has been engaged in similar work in eastern preparatory schools. It is a fact worthy of note that Mr. Russell was the first student to take honors in philosophy under Dr. Schurman. Professor Wait is general director of the school, and still personally directs the work in mathematics. The students thus receive the benefits of his university experience. The active management of the school, however, falls on Mr. Russell. The corps of instructors, thirteen in all, are each specialists in their respective subjects, and many of them are names familiar to Cornell students. The more advanced students are enabled, in certain subjects, to have the same instruction and the same instructor as

carried on, so that each may know the boy's tendencies and needs, and thus responsibility is mutually shared. Monthly special reports are sent to parents, and detailed reports at the end of each term. The boys are required to do the best they can. All the assistance is given, in and out of school, that is good for them. The boys rooming outside are located in approved places, and are frequently visited by the teachers. The work is made as attractive as possible, and the several prizes, scholarships, etc., offered are all means to this end. It is not intended that the number of boys at the Cascadilla school shall ever become as large as at Exeter or Andover. The intention is to build up a thoroughly fine home school for one hundred boys. A greater number than this would not, according to the method of the school officers, be conducive to



THE MOUTH OF FALL CREEK—CAYUGA LAKE. Showing Cascadilla School Property on the Left.

they would have in the university. The work in the university is thus anticipated, and the student is prepared, not only to pass the university entrance examinations, but to continue his work after having entered. Being the only school especially preparing students for Cornell, the 'Cascadilla' is intended to be primarily a thorough, excellent preparatory school. To this end, only the very best class of students are sought or admitted. Reliable recommendations are required for everyone. Application blanks are sent to the applicant's parent or guardian, who is required to answer questions, such as the following: 'Did the applicant leave the school last attended in good standing?' 'For what college or university do you wish him prepared?' 'Does he use tobacco in any form?' 'Does he have your consent to visit places where liquor is sold as a beverage?' 'Does he have your consent to visit public billiard halls or saloons?' Those who know the officers of the school know that an affirmative answer to the last two questions is a bar to the applicant's admission. After these boys have been admitted who are supposed to be gentlemen, they are treated as such. Cor-

the best results. The instruction aimed at is *individual*. Classes are purposely kept small so that attention may be given to each boy individually, rather than to the class as a whole. 'Our ambition,' said Mr. Russell to the *Era* representative, 'is to make the school first, a safe place to which any gentlemanly boy may be sent; and second, to furnish a training which shall fit him to take high rank at Cornell or any other leading American college. Boys who wish to prepare for Harvard or Yale usually go to the better known schools of New England. It would seem, however, from the present demand that there is a place here in Ithaca for a high grade preparatory school that shall be the equal to any in the country.' The reputation that the school has already acquired, is due to Professor Wait, and it cannot fail to be maintained under the active management of Mr. Russell, who is so well prepared to conduct the work. With its new building; its efficient corps of instructors,—keeping the school in touch with the university methods and life; with its admirable organization and methods, and with constantly increasing attendance, Cascadilla school is des-

ITHACA, N. Y.

It is not our intention to give in this work a complete history of the city of Ithaca. To do such would require us to go back to a period when the site of Ithaca was first inhabited by the Jesuit Fathers as early as 1657, and as the history of this city from the beginning of the 19th century to the present time is sim-



CONGREGATIONAL CHURCH.

ilar in many respects to that of other cities, we will not carry the reader through a long a tedious narrative of the past, reminiscences of which have been so copiously printed as to render everyone familiar with it. In 1834 we find Ithaca with three newspapers, two book stores, two hardware stores, three dry goods, three druggist, three jewelers, sixteen grocers, five milliners and thirty-six manufacturing establishments. In the latter were employed 239 people in all and they were making paper, flour, plaster, machinery, chairs, iron, plows, woolen goods, steam engines, etc. In 1858 the population of Ithaca was 7,153 and in 1866 had only increased to 7,264. The Ithaca and Athens railroad and the Ithaca and Cortland railroad were opened in 1871 and in 1873 the Geneva and Ithaca railroad, while the Cayuga Lake railroad was opened in 1874. These roads afforded Ithaca excellent shipping facilities and at once she began to grow in importance as a manufacturing and commercial center.

INTERESTING FACTS.

As the city of Ithaca is the metropolis and capital of Tompkins county and contains at present the greater part of its population, manufacture and trade, we present the following statistics of the city. In 1870 Ithaca had a population of 7,264. In 1880 the census returns indicated 9,800 people within her gates and in 1890 the U. S. census gives her a population of 12,000

souls, not including the 2,000 students, professors, etc., at the Cornell University. Nothing affords a more satisfactory index of the progress of Ithaca during the past three years than the simple figures taken from the books of the city clerk, showing the assessed value of property for taxation. This showing, however is far short of the actual value. Much property, especially personal—cash in hand, etc., escapes taxation altogether. The city clerk's footings are as follows:

Value of real estate in Ithaca as shown by tax duplicate of 1890.....	\$ 2,518,967.00
Value of personal property in Ithaca as shown by tax duplicate of 1890.....	446,080.00
Increase of tax duplicate of 1890 over 1888.....	129,185.00
Rates of taxation in Ithaca for 1888 on the \$100.00, valuation, \$1.32; for 1890, \$1.27, showing a very liberal decrease over 1888.	

The city of Ithaca comprises an area of some six miles square, and has forty-one miles of street.

MANUFACTURING.

There are eighty different manufacturing establishments in the city, ranging in magnitude from concerns giving employment to 250 men down to the private enterprise of the individual with a helper or two. They are respectively making agricultural implements, bake-stuffs, clocks, guns, paper, furniture, well-digging machinery, engines and boilers, boats, glass, granite and marble-ware, gents' furnishing goods, wagons and carriages, barrels, doors, sash and blinds, cider, horse shoes and other miscellaneous articles of lesser importance. The number of men employed by manufacturers will aggregate at least 1,500. The trade of Ithaca's manufacturers now extends into all parts of this continent and even reaches to a considerable degree into foreign countries. We herewith



HIGH SCHOOL.

append the following table, which may be relied upon as being as near correct as it were possible to obtain the figures:

Number of manufacturing concerns.....	80
Capital invested.....	\$1,162,000 00
Amount of annual output.....	1,786,000 00
Number of people employed.....	1,479

JOBGING AND RETAIL.

The figures shown in the latter part of our editorial on manufacturing represents the output of those concerns and have nothing to do with the jobbing and retail interests of the city, which of course far outstrips her industrial resources. Some idea of the character and extent of the jobbing trade of the city may be had from the fact that there are thirty wholesale houses who annually transact a business aggregating from \$3,000.00 to \$100,000.00 and whose trade extend within a radius of from 200 to 400 miles around Ithaca. This does not include the retail trade, to which some 315 houses are devoted and who annually do a business of from \$1,000.00 to \$50,000.00 each.

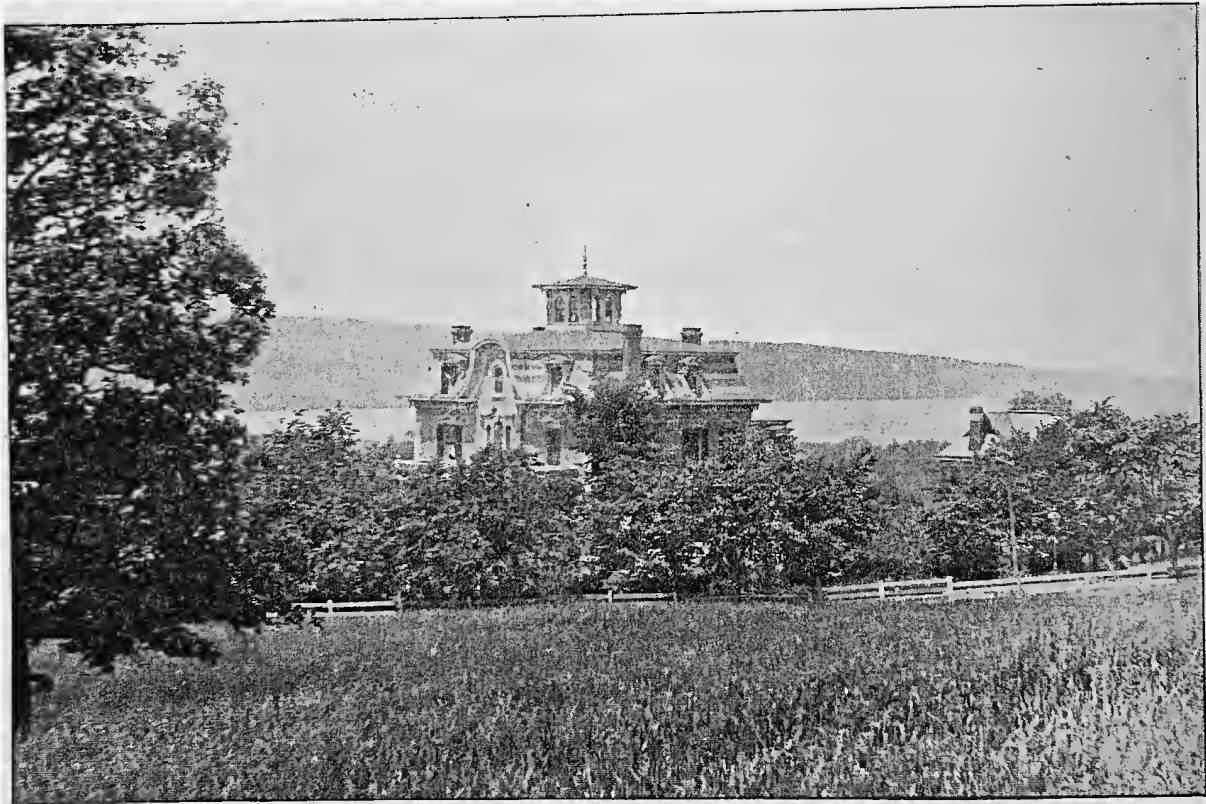
ITHACA'S ADVANTAGES AS A MANUFACTURING CENTER.

As a manufacturing and distributing point the city has many advantages, and its claims in this respect

different railroads in competition with each other bring to this market vast quantities of hard and soft coal from the coal fields of Pennsylvania, located about sixty miles south of here, which are furnished to consumers at the lowest market prices. Fall Creek, a mountain stream, furnishes excellent water power which can be rented at very low figures; and the statement of several manufacturers already located here, is that their savings amount to about 95 per cent over coal. Some of the manufacturers located on this stream use as high as a 150 horse power, showing that the supply is fully equal to the demand.

NEEDED INDUSTRIES.

There are openings in Ithaca for men with energy and capital to engage profitably in the manufacture of the articles mentioned as follows: Salt refinery, cooperage, furniture, shoes, organs, stoves, buggies, varnishes, glass, railroad cars, tile works and above all is needed a well equipped brick works, for this one



THE TERRACE.

Property of Professor Lucian A. Wait, Director of the Cascadilla School. See page 15.

should not be lost sight of by those who are about to engage in business of any kind. Fully alive to the fact that the permanency or prosperity of any community lies in the possession of a diversity of manufacturing enterprises, the people of Ithaca have fostered and encouraged the location here of industrial establishments. First of all is: Its excellent transportation facilities afforded by the three railroads and canal, by way of Cayuga Lake, which bring to the doors of the manufactories raw materials and carry at a small cost the manufactured goods to the principal marts of the country. The cost of living in Ithaca is cheaper than in most cities of the State. Labor of all kinds, skilled and unskilled is comparatively cheap, because rents are low and living at a minimum. The

specialty there has long been an urgent demand, and within six miles of the city can be found large beds of the finest clay, suitable for all kinds of brick, tile and terra-cotta ware. Any of the above concerns well managed would be placed on a paying basis from the start.

SALT.

The advantages of this city in this respect has long been the subject of much favorable discussion, but the idea generated has never been carried into execution. There is every indication that the salt industry here in the hands of experienced persons with capital and brains would prove a success, and they would meet with liberal encouragement and assistance in their un-

dertaking from the citizens of Ithaca. In the *American Geologist* of October, 1890, can be found a report of a well drilled one-quarter of a mile south of Ithaca where at a depth of about 2,000 feet, a vein of salt 252 feet deep was found. The water which was pumped from the well being saturated with salt, which was 98 per cent. pure. In drilling a test well, a find of the very best mineral water was made at a depth of 380 feet, and Mr. Rust the contractor who has drilled seventeen of the most popular mineral wells at Saratoga Springs, asserts that the water discovered here is unsurpassed by any well in Saratoga or elsewhere. Nowhere in the country is there a better opening for a combined summer hotel, sanitarium and bath house, and to some enterprising company or firm would be given the privilege of conducting the above named places, and the export sale of the mineral waters by the syndicate who own the wells, and who are among Ithaca's most representative and enterprising citizens.



Mayor H. A. St. JOHN.
See Autophone Co. Sketch.

BANKING.

Citizens of Ithaca refer to their banks with great pride and satisfaction, as it is through these institutions that local credit and enterprise are enhanced to the greatest degree. The banks are upon a sound practical basis. There are two national banks with a

Capital of.....	\$ 400,000 00
Undivided profits.....	107,078 00
Surplus.....	90,000 00

and a saving bank with

Deposits amounting to.....	\$ 800,000 00
Surplus.....	109,000 00

TRANSPORTATION FACILITIES.

A glance at the map of this State will fully illustrate the fact that Ithaca enjoys all advantages obtained from a perfect system of railway service, affording her immediate and direct communication with a boundless area of country. The roads now centering here are, for the southern outlets, the D. L. & W., who operate the railway between Ithaca and Owego,

where connections are made with the main line of this road and the Erie Railroad, both east and west. The Geneva, Ithaca & Sayre R. R., operated by the Lehigh Valley and connecting at Sayre with the main line of this road. An outlet north is had by the G., I. & S.



RESIDENCE OF J. C. STOWELL.

R. R., connecting at Geneva with the Auburn branch of the N. Y. Central and at Lyons with the main line of the N. Y. Central. These lines have a lively competitor in the Elmira, Cortland & Northern, which connects at Elmira with the Erie and at Canastota with the West Shore and N. Y. Central Railroads for all points east, north, west or south. By Cayuga Lake the Erie Canal is also made accessible, being intersected at Cayuga, and a considerable portion of the heavier freight is carried over the Lake to this Canal. Thus it will be seen that there is ample competition



J. C. STOWELL.
See J. C. Stowell & Son Sketch.

and suitable freight rates to all parts of this country can be obtained from and to Ithaca.

EDUCATIONAL ADVANTAGES.

Ithaca has reason to be proud of her school system, and in point of detail the public schools of this city will bear favorable comparison with those of any other city of the same size in the country. The origin of the school system of this city may be said to date from the year 1874, when the Legislature passed an act authorizing the establishment of a union school district, with a complete graded school system. We append the following table derived from official sources,

Annual amount of School Fund.....	\$35,000 00
Average daily attendance.....	1,400
Increase of scholars over year before.....	35
Number of school buildings.....	6
Number of teachers.....	37
Cost of school buildings.....	\$ 98,000 00
Cost of high school building (new).....	75,000 00
Salaries of teachers.....	21,000 00

Besides her public schools Ithaca is well provided with parochial and other and higher educational institutions, including the Cascadilla School and Cornell University. Sketches of the latter two appear on another page of this work.



H. D. FREER.
See Ithaca Hotel.

FIRE DEPARTMENT.

This department is conducted on the volunteer system and is composed of 440 of the best citizens and business men of Ithaca, who take a just pride in theirs, which is one of the best conducted fire departments in the State. The plant and equipment consists of :

Engine houses	8
Number of feet of hose.....	3,800
Number of engines.....	3
Number of hose reels.....	6
Hook and ladder.....	1
Volunteers.....	441
Salaried men.....	3
Number water plugs.....	71

They are about to purchase 1,000 feet of new hose and will put in shortly sixteen Gamewell Fire System Alarm Boxes.

BOARD OF TRADE.

Intimately related to the government of Ithaca, and deeply interested and instrumental in the progress of

the city is the Board of Trade. This body is composed of over 100 citizens, leading business men, manufacturers, lawyers, in fact, men engaged in all pursuits of business life, having chiefly in view the



SAVINGS BANK.
New Building.

well-fare of the city and the prosperity and happiness of her people. All matters of public concern are of interest to this board, who at all times stand ready to furnish information to parties desiring to locate in Ithaca and every endeavor will be made to secure satisfactory locations and extend the right hand of fellowship to all who come within the city's gates. It was established in 1887 and its officers are Charles White, president; Charles M. Titus, vice-president



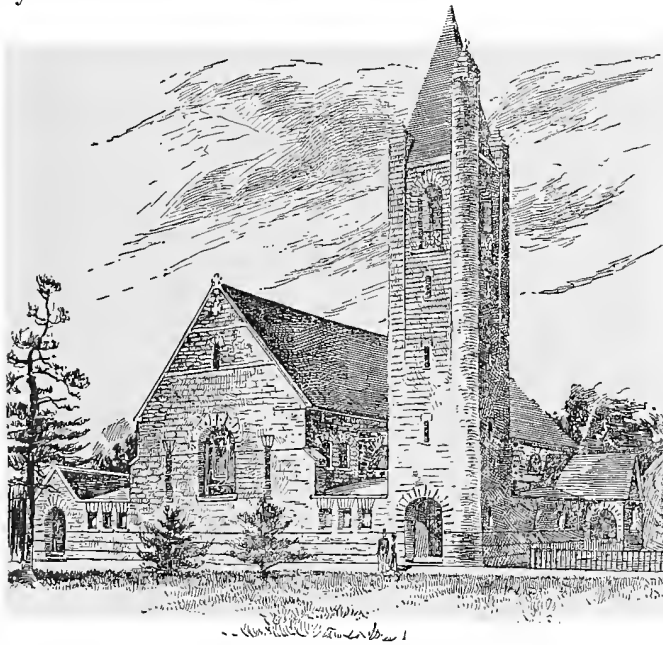
D. B. STEWART.
See D. B. Stewart & Co. sketch.

and D. F. VanVleet, secretary, who will at all times be pleased to give any desired information concerning Ithaca.

PLACES OF WORSHIP.

We believe we have shown that Ithaca is fully

abreast of the times, as regards her educational advantages, and it now remains for us to show in some measure the extent of religious feeling, as indicated by the number of churches. There are five Methodist;



BAPTIST CHURCH.

one Catholic; one Presbyterian; two Baptists; one Congregational; three Episcopal and two Unitarians, all of whom have beautiful edifices; the Baptists having just about finished a beautiful structure at a cost of \$50,000.00.

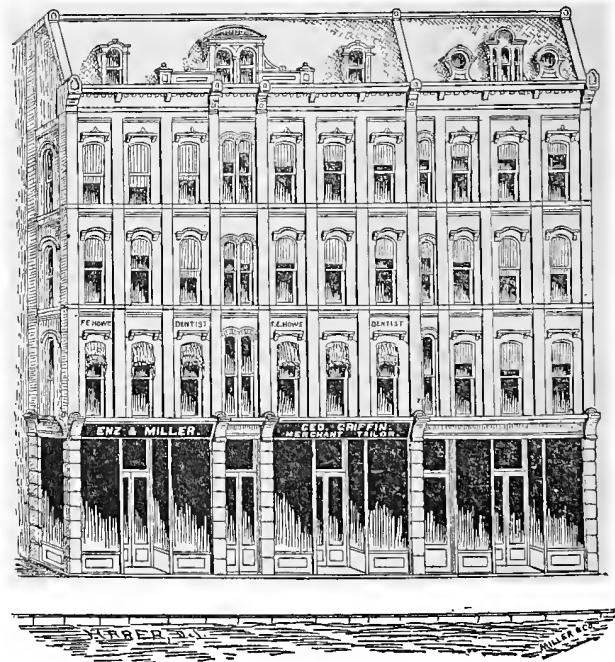
IN BRIEF.

Ithaca has three express companies; the Adams, American and U.S. Ithaca has excellent telegraph and telephone facilities in the Western Union and N. Y. & Pa. long distance telephone companies. Ithaca has a \$60,000.00 opera house, with a seating capacity of 1,600. Ithaca has two Masonic Blue Lodges, with a membership of nearly 500, one Chapter; one Commandery; one Council; one lodge of Knights of Pythias, with nearly 170 members; one Division of uniformed rank of K. P's. Odd Fellows, A. O. U. W.; Red Men; and other secret organizations are here well represented. Ithaca has more beautiful scenery than any other city in this state. Ithaca has three first-class hotels. Ithaca has a fine system of electric street railway, gas and electric light. The passenger traffic to and from Ithaca annually is, over the E., C. & N., 60,000; Lehigh Valley, 65,000; and D., L. & W., 35,000. A large source of revenue to Ithaca is the University and about \$1,600,000.00 yearly, finds its way into the hands of the merchants, and business men in general.

ITHACA AS A CITY OF RESIDENCE AND SUMMER RESORT.

As a residence city or a place to spend the heated term Ithaca presents a multitude of claims, which, when partially enumerated will prove both just and convincing. In the first place the climate of the region in which the city is situated is at once salubrious and invigorating. Her location in a mountainous region naturally suggests the existence of fresh, pure air, superinduced by dense forests and coniferous and deciduous trees, the presence of limestone in the moun-

tains and the waters which spring from their recesses. Meteorological data from carefully compiled sources give the average mean temperature in the summer to be not higher than 86° and the lowest in winter about 4°. The soil of the city is of gravel and limestone formation and eminently conducive to freedom from malarial exhalations so common in large communities. Cascades, cataracts and waterfalls most beautiful and romantic are found by the score within ten miles of Ithaca. There are three good hotels and innumerable boarding houses, which afford unequaled facilities for tourists. Copious rain-falls bring out on the surrounding hillsides spring vegetation, thereby affording to residents the luxuries of early fruits and vegetation. Dark gorges and beautiful glens, each with some peculiar feature of interest in connection with its surroundings, with many special characteristics, captivate the visitor by their magnificence and grandeur. For beautiful and awe-inspiring scenery, nature has been most lavish with her gifts and nowhere east of the Rocky Mountains can their equal be found. Hills which from a distance charm the eye with scenes of quiet beauty, verdant slope and sunny woodland which contain within their bosoms, in form of glen and rock and waterfall, a wealth of wonders, surround Ithaca on the east, west and south. Elegant mansions, handsome residences, well-kept lawns, beautiful villas and cosy cottages, with pretty little parks, add much to the beauty of the east and south hills, while on the summit of East Hill, at a height of 650 feet above the city can be found the magnificent structures of Cornell University. The chief feature as a summer resort, however, is beautiful Lake Cayuga, which is a superb sheet of water thirty-eight miles long and from one to four miles wide, dotted with pretty islands and lined with virgin forests, in the clearings of which are found many beautiful cottages. The water abounds



MASONIC TEMPLE.

with bass, perch and other gamey fish and are in such numbers that all are successful in taking them. Large steamers ply the lake at intervals, while elegantly conducted summer hotels are located on its banks. The

pleasures of boat rides on its peaceful bosom are delightful beyond description, while those who are lovers of flowers will find in the pond lilies and other prolific vegetations a never ending source of pleasure. Palisade-like cliffs, presenting peculiar and interesting jointed formations of the rocks are found on its shores. The "Queen of Lakes," a title it has acquired, is more beautiful than any other of the New York lakes and the admiring traveler, delighted by the beauty and awed by the sublimity of the landscape, realizes that he has discovered one of the most favored haunts of nature, which with the deep ravines, tiny cascades and towering cliffs of the shores, added to the fishing, rowing and sailing of the lake itself, furnish inexhaustible means of pleasure.

THE BEAUTY OF THE SUBURBAN DISTRICTS.

As the tourist approaches Ithaca via. the E., C. & N., a new vision of beauty greets the eye at every turn.



J. M. JAMIESON.

See Jamieson & McKinney sketch.

The surrounding country is pleasant and attractive. The drives are delightful, good roads leading in every direction through scenery rendered attractive by the hand of thrift and beautiful under nature's plastic moulding. Rich farming lands, beautiful waterfalls and gorges, neat and attractive homes, surround the city on every hand. What other city affords such admirable sites for permanent and summer homes as do the surrounding hill-tops and shores of Lake Cayuga? Nature has been extremely lavish in this respect, and the mountains abound in perennial springs and are clad in groves of pine, oaks and maple, ready to contribute to the beauty of a rural home. Her social attractions are enough in themselves to attract and hold one seeking an elevated plane of intelligence, while the beauty of the surrounding country, the lake, the drives and other luxuries will, in time, make it the summer home of many of the merchants and professional men of the cities, who are surfeited with the excitement and whirl of the large cities and look forward to some delicious retreat like this. For those who seek health and recreation, a life of sunshine and

elegant ease, a refuge from the poisonous atmosphere of the great cities during the heated term, the attractions and opportunities of a home of refining influences, both in natural beauty and social surround-



EDWIN M. HALL.

See Sketch.

ings, no place, it may safely be said, can be found anywhere on this continent to surpass the city of Ithaca.



S. H. LANEY.

See Ithaca Paper Mills.

ITHACA GORGE.

Within a radius of twelve miles from Ithaca, there are innumerable ravines, containing in all about one hundred and fifty cascades. The most accessible and

frequented of the glens, in and around Ithaca, is the Ithaca Gorge, which lies about three-fourths of a mile north-east of the centre of the city. By following out Aurora street to the north, we come to a neat little bridge, spanning Fall Creek, from where is caught the first glimpse of the finest cascade of all, the "Ithaca Fall." It is a foaming cataract, 150 feet in height and just as broad, with cliffs towering a hundred feet above on either side, the water circling round a dark eddy at its base, it winds in a tranquil, romantic course through the leafy groves of the plain, murmuringly continuing its journey to the lake. It is the second largest cataract in the State, nearly equaling in height the Niagara Falls, and surpasses in every respect the Trenton Falls and the cascades of the Genesee. It is a tremendous scene, with its immense volume of water pouring over the jagged rocks in a snow-white and flowing veil and is indescribably beautiful. Just beyond the bridge there is a pretty little lodge guarding the entrance to the Gorge, from which a more charming view of the falls can be obtained. Following the walk winding along the almost perpendicular hillside, the ascent of which is at first steep and tortuous, a short

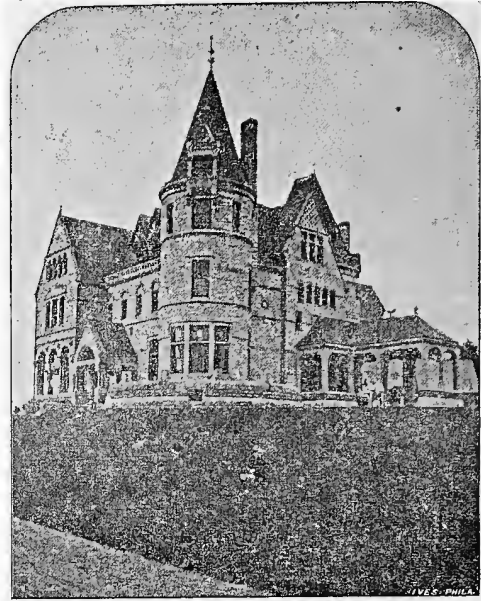


RESIDENCE OF C. D. STOWELL.

See J. C. Stowell & Son.

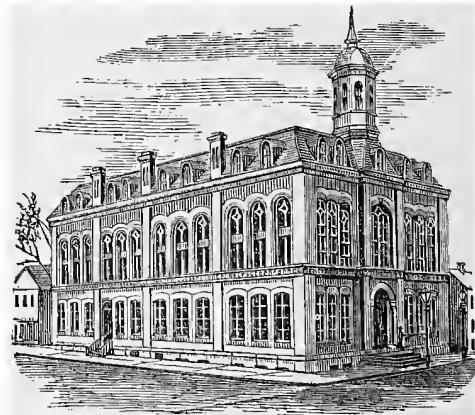
turn brings the visitor to a shady and delightful nook, appropriately named, "The Rest," a place to lie and dream the summer day away. This colossal basin is more than two hundred and fifty feet high and is made almost black by the shadows cast from the steeply sloping walls and from the cedars covering the face of the rocky wall across. The grandest feature of the view is the "Ithaca Fall" itself, lying directly in front. No pen can adequately describe its beauties, no painter's brush or photographer's camera picture its charms, but must be seen with the naked eye to be fully appreciated, for it is indisputably the most beautiful of them all. Following the walk winding midway between the pool and summit around the semicircular walls, we come upon another terrace, from which a finer full view is obtained. From this place the path leads us around the amphitheatre, thickly shaded at all times, and through the trees we catch glimpses of the water as it bounds down the ragged wall. Then ascending a rocky staircase of about twenty steps, we reach a plateau on a level with the falls, and are completely fascinated, while gazing down at the water as it takes the awful leap

into the basin a hundred and fifty feet below. During the hewing out of these steps, a workman accidentally fell down the precipice to the chasm below, yet without injury, thus, gaining for this place the name of



M'GRAW-FISKE MANSION.

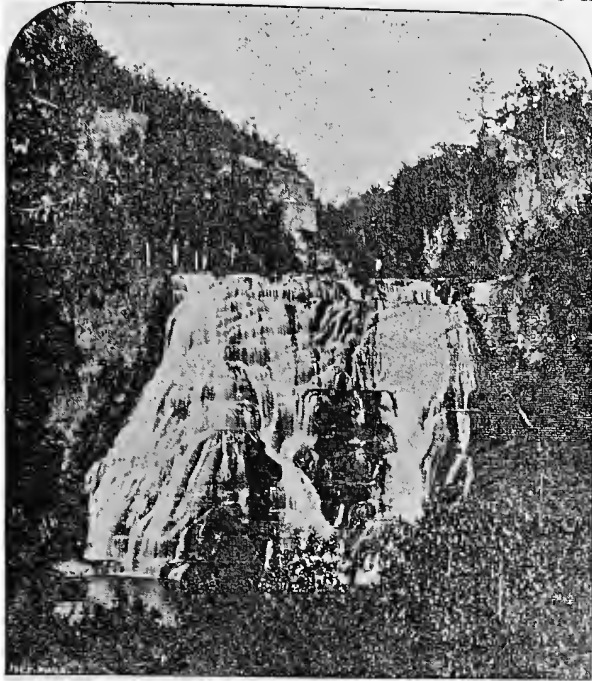
"Johnson's Tumble." While still following this path, and ascending a long stairway cut in the solid rocks, we stand on the brink of a precipice more than three hundred feet higher than the point from which we started, and a few feet further on we have another similar picture to the one we first saw, or "Forest Fall," only it is not so high or wide as the "Ithaca Fall." It is sixty feet, and is appropriately named from the densely wooded sides of the ravine. Passing through a thicket of pines, our path then descends into the bowels of the gorge, and following this along the bed of the stream, the next bright scene is presented by the "Foaming Fall," thirty feet high, the steep banks of which are romantically lined with cedars and hemlocks. Next in turn we find the "Rocky Fall," where the water rushes along in a tumultuous torrent and pours down a distance of fifty-five feet into a third amphitheatre. Over the stream a little above



CORNELL LIBRARY.

the fall, a swinging foot-bridge is suspended on wires, from where the creek quietly winds its romantic way under the shade-beetling cliffs and leafy bowers, from which it derives the name of "Sylvan Glen." Near-

ing the end of this glen, we take to the bed of the stream, with a high ledge of rock jutting out in front of us and enter the "coliseum," a perfect amphitheatre of immense proportions and one of the most



ITHACA FALLS.

Used by courtesy of the Cascadilla School. See page 15.

important features of the Gorge, and at last we stand gazing in amazement at that truly wonderful cascade, listening to the thundering and roar of "Triphammer Fall" until it becomes deafening. This fall gets its name from the heavy beating, as of a mighty pulse, clearly distinguishable in the midst of the mighty uproar.

TAUGHANNOCK FALLS,

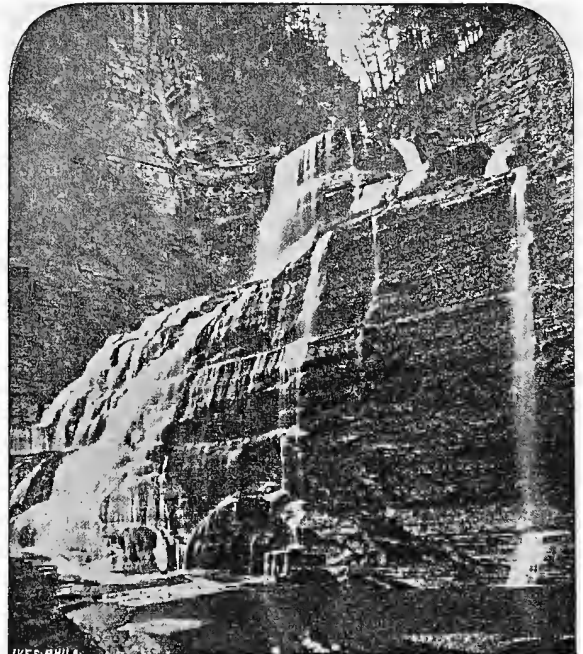
of celebrity throughout Central New York, is upon the west shore of Cayuga Lake, nine miles from the City of Ithaca, the site of Cornell University. This region has long been noted for its magnificent scenery, the scenery of the Lake alone equalling Lake George, and the Gorge, four hundred feet deep with the rocks rising perpendicular that height, for a mile on either side. The Falls making a single leap of two hundred and fifteen feet, and breaking from the top into a "pendant, snowy veil," combined with the scenery of the upper and lower ravines, are said by hundreds who have visited Switzerland, to surpass anything they have ever seen. No words, however, can convey a just idea of the commingled beauty, grandeur and sublimity. The pencil has made the attempt, but has sadly failed to do it justice. It well repays a trip across the State. It makes a charming resort to heated and crowded city people, and Mr. H. D. Freer, of the Ithaca Hotel, has recently purchased the Taughannock House which he has reconstructed throughout, and it is now one of the most healthful and attractive summer homes to be found in the State. The table of the house is supplied from its own exclusive vegetable garden with the choicest of products.

Taughannock Glen is beautifully wild and romantic, divided as it is by the Falls, during the ages past, into two distinct parts widely differing each from the other

in scenic effects. To get a good view of the Falls from below you take a path partly made in solid rock, partly an easy slope, to the bottom of the ravine, then by a winding path through a grove up to the overtowering wall of rocks. These rocks rise four hundred feet, where the water falls in a single leap 215 feet, breaking into a beautiful silvery veil, on either side. In height of rocks and wildness of scenery this glen far surpasses the well-known Watkins Glen. To gaze upward at the sky, from the depths of this Ravine, is to awaken emotions foreign to the ordinary surroundings and associations of mankind. To descend from the glare and heat of noonday, by gently circling and guarded pathways, to the awful stillness and cool of this ancient river bed is to effect a transition words cannot make understood. In all ways the contrast afforded by this resort with the ordinary life of monotony and routine is its chief charm. In the immediate neighborhood attention is directed to the "Upper Ravine" in which is situate the locally famous "Devil's Punch Bowl"; the "Gun Factory of 1812"; "The Spring of Undine" in the main ravine; the "Gothic Door" opening grandly on the right and the "Lady of the Mist" sitting meditatively near the foot of the matchless Falls.

ENFIELD GORGE.

A drive of between six and seven miles from Ithaca brings one to the head of this gorge and the beautiful valley from which the ravine opens was evidently the bed of an ancient lake. A small chamber curiously hollowed out by nature, to resemble a huge, old-fashioned square fire-place, is a short distance within the defile in the cliff on the right. The most prominent feature of "Enfield Gorge" is "Lucifer Falls," which, when you behold, makes one shrink back in amaze-



LUCIFER FALLS.

Used by courtesy of the Cascadilla School. See page 15.

ment, for you find yourself on the very brink of a mighty precipice over which the creek pours its waters to break in foam on jutting rocks, and finally to take a desperate plunge into a great basin 140 feet

below. Directly facing the first leap of the falls, the path descends rapidly to the bottom of the ravine, where the stream can generally be crossed to the opposite side and the most striking view of the entire fall is obtained. About 275 feet above, tree-crowned cliffs appear and the water climbs to meet the clouds in front. Cascades of every conceivable form and height, and deep narrow channels which sometimes conceal in their rumbling depths the fiercely running water, follow each other in such rapid and agreeable succession, that the spectator is at once lost in wonder and delight at its picturesque beauty.



BUTTERMILK GORGE.

Which from the whiteness of its foaming waters is properly named "Buttermilk Falls." Its crest is 100 feet above the plain and the slope easy of ascent, measures 350 feet. Some distance back from the brink of this wonderful fall, the water is whipped into spray down the ragged slope of a second cascade ninety feet high. Ragged cliffs tower upon each side and curve around a monstrous bowl. Directly in front, from a dismal cleft, the water comes trickling down, a lace-like fringe, draping the front of a semi-circular bulging rock which seems to choke the mouth of the cavernous defile. This is by many thought to resemble a pulpit and has been named "Pulpit Rock." One of the most weirdly fantastic sports of the region, is a narrow flume-like passage where the water has worn innumerable pot-holes and carved tracery on the dark walls. Nearly at the head of this natural tunnel is a fall of twenty feet and standing on the top of this, by looking up the stream, a beautiful series of six picturesque cascades, one above the other is seen splashing in the sun-light. A rare cascade of twenty-five feet blocks the way after a bend and the banks suddenly rise more than 100 feet. A tapering column of stone gray with lichens, and draped with graceful clinging vines and festooned about its base with ferns, towers just above the wall. This is known as "Monument Rock" and on the opposite side an incomplete companion column rises a few yards. Several pretty cascades are above these pillars and a magnificent picture of the lake and valley is had from the bridge, which leads back to Ithaca and along the ridge of south hill.

GLENWOOD

Is reached by a four-mile sail on the lake or a drive of five miles over the hills from Ithaca and is a most delightful location for a summer residence. On either side the hills slope from the level of the lake to a height of about 150 feet. On its way to join the waters of the lake a brook runs through the "Glen" and at a distance of 300 feet progress is barred by a high precipice. Through a narrow opening in its face fifty feet below the top the water pours in a glassy sheet with a direct fall of about twenty feet, thence bounding down from rock to rock accomplishes the remaining distance of seventy feet by a series of pretty cascades. On the north side it flows over a rocky bed through a miniature gorge. The characteristics of this fall are similar to that of the first, but it is not so high, the water having a fall of only about seventy feet. A succession of rapids and wooded dells make attractive the ramble and a more charming scene cannot be imagined. The drive is made attractive from Ithaca by charming bits of glen and lake scenery, with numerous little waterfalls.

CASCADILLA GLEN.

Bursting from a wild deep glen on east hill, the Cascadilla Creek ripples through the village between willow fringed banks, and the finest point of observation is had from the bridge which spans the ravine, directly above the "Giant's Staircase," the most important of the cascades, which derives its name from the massive step of rock over which the water tumbles forty-five feet in a flood of spray. As far as the eye can see above, are a series of pretty little cascades closely embosomed in rocky and arborescent banks. There are no large falls in this glen, but the bed of the stream is formed to a great extent of broad plates of



CASCADILLA RAVINE.

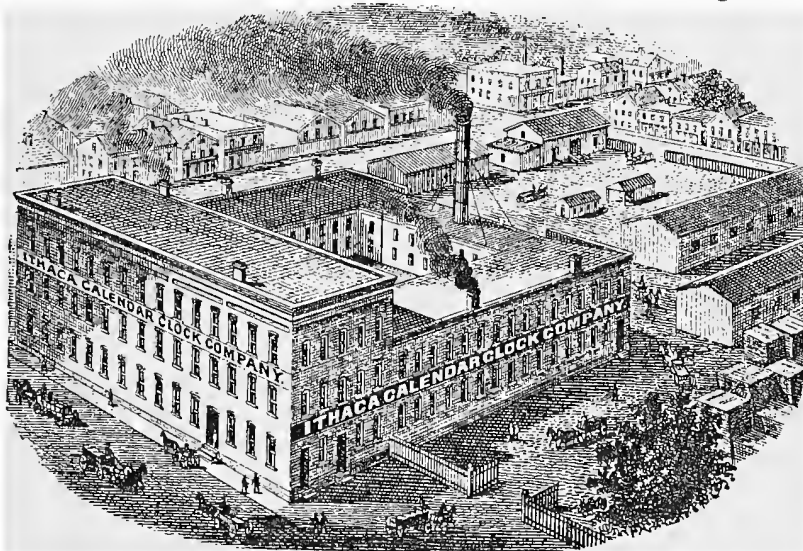
Used by courtesy of the Cascadilla School. See page 15.

rock and the water merrily bounding from one ledge to another, makes an almost continuous series of miniature cascades and justify the poetic name of "Cascadilla." There are many more beautiful falls, but have given brief sketches of the principal ones only

INDUSTRIES OF ITHACA.

Ithaca Calendar Clock Co. The marked success attendant upon the career and operation of this concern is of such pronounced and obvious character as to demand more than ordinary attention in making a review of this city. It was incorporated in 1865 with a capital of \$150,000.00. The plant consists of a three story building 98 x 130 feet in size, thoroughly supplied with a full line of machinery and appliances and furnishes employment to thirty men. They are manufacturers of the celebrated Ithaca Calendar Clock which is absolutely perfect, and indicates perpetually the hour of the day, the day of the week and month, the month of the year, and is furnished with calendars printed in the English, French, German, Swedish, Portuguese, Spanish and Italian languages. These clocks are made in sixty different styles and are outfitted with any first class movements. They make the clock to suit any special room, in any wood or design that may be desired. Every calendar is thoroughly tested before being fitted in the case, by means of a special machine invented for that purpose by which they are run through all the changes of eight years of time. None are shipped until they have passed this test, and are proved in all respects accurate and reliable. Three traveling salesmen are employed and their clocks are sold in all parts of the civilized world and have gained a reputation unequalled by any. It is the only perfectly reliable calendar clock manufactured in the world and much skill and ingenuity have been expended in bringing it to its present state of perfection. It can be found in every reliable jobbing house and jewelry store, and the annual output is about 14,000 clocks. The concern also manufacture many specialties in walnut, brass and iron, such as money drawers, advertising clocks and novelties. The officers of the concern are Messrs. F. C. Cornell, president; C. H. White, treasurer; J. H. Selkreg, secretary and G. W. Miller, manager, all gentlemen who are known for their business qualifications and their establishment is both an honor to themselves and a credit to the city.

Frank E. Howe, Nos. 9, 11 and 13 N. Tioga street. Dr. Howe has been identified with this important profession in Ithaca for the past fifteen years and in 1886 first called the attention of the public to his method of filling teeth without pain, of which he makes a specialty. Many thousand fillings have been inserted by the use of his preparation, while hundreds of patients from distant cities have availed themselves of



its use and have expressed their surprise and gratification at the comfort with which a usually painful operation is performed. Dentistry in all its branches is attended to and his offices are finely fitted up and all that skill and painstaking can do in the dental art, assisted by the best modern appliances, is at the command of his patrons, who are assured that they can know exactly what results are to be expected from each operation.

Gray & Patterson, No. 7 E. State street, Post Office Building. In providing for the insuring classes of Ithaca, both fire and life, the most perfect facilities and advantages for insuring are enjoyed by the above firm which has earned general recognition and generous patronage. The firm is the out-come of the two oldest insurance agencies of this city, that of Geo. L. Gray & Co. and R. E. Post & Son. The latter business was purchased by Mr. L. E. Patterson in 1889, when he consolidated with Geo. L. Gray, and the present firm name was adopted. They represent eighteen Fire Insurance companies, all well-known for their solidity and substantial worth and with combined assets of over \$200,000,000.00. They also represent

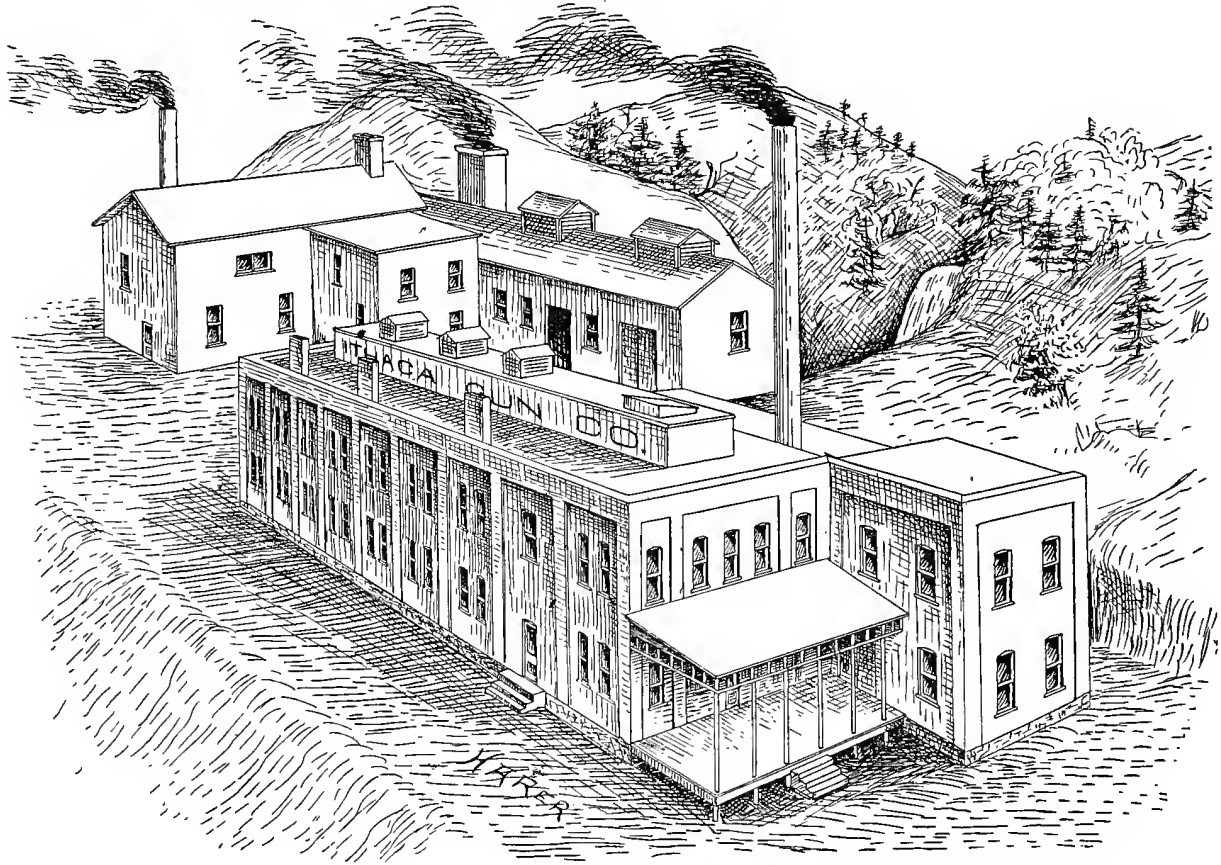
first-class Accident, Boiler, Plate-glass and Cyclone Insurance companies. In Life Insurance they are agents for the "New York Life" and last year did a very large business in this portion of the State for that company, in this department, Mr. Mausfield, a widely known Life Insurance man is interested. We believe, that there is not, to-day, a single country agency in the State that can equal this one. They also transact a general Real Estate business, buy and sell and look after the estates of non-residents, and their facilities and advantages for doing a general Insurance and Real Estate business are excelled by none.

White & Burdick, Opposite Post Office. There are few lines of business better represented in Ithaca than the drug trade. Among the largest stores of this description, is that of Messrs. C. H. White and D. W. Burdick, who established their enterprise about twenty-three years ago. Their store is 25x100 feet, with basement, which is lavishly stocked with the very best and strictly pure Drugs, Chemicals, Proprietary Medicines, an elegant line of Toilet Articles and Perfumeries, Cigars, etc. Special attention is paid to Prescriptions, none but competent clerks handling such. They also deal extensively in all kinds of Paints, Varnishes, Oils, Glass; and besides

their extensive retail trade, they also enjoy a lucrative wholesale business. Two clerks find employment here, and both Mr. White and Burdick are expert pharmacists, and by their gentlemanly demeanor make their store a pleasant resort for all who enter.

Ithaca Gun Company. An industry that has done much to make the name of Ithaca known throughout the world is the manufacture of the Ithaca Gun, an article now acknowledged to be indispensable to every sportsman. This gun contains all the standard points called for in a gun of first quality, such as the stop-lever action, rebounding lock, low hammer and patent compensating fore-end. The simplicity of construction is a feature that will be appreciated by every

present firm assuming charge six years ago. The works consist of the machine and assembling shops two stories high 36 x 125 feet, with an L 24 x 30 feet; polishing shops 24 x 30 feet and one-story high; forge shop and case-hardening room 20 x 36 feet, one-story soldering and brazing room 18 x 20 feet and several other structures, all of brick. The entire plant is equipped with the most improved tools, and the machinery, most of which is of a special character, has been made on the premises. Nothing but the best skilled labor is employed and neither time nor expense is spared in the manufacturing department of the business, in which are employed seventy men. The proprietors are Dwight McIntire, L. H. Smith and George Livermore, all of whom enjoy an excellent reputation

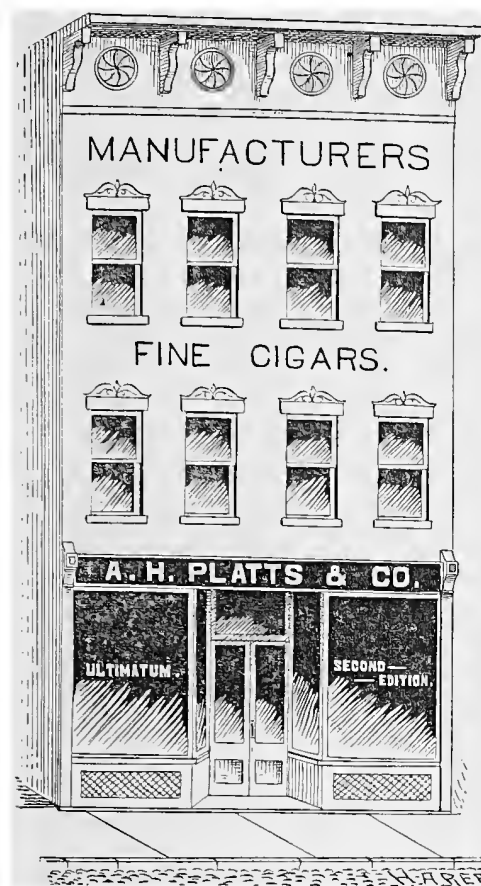


sportsman, while the style and finish of the Ithaca gun is equal to the Parker, Colt, Peifer or any other first-class gun, in fact it is the simplest and best gun manufactured in the world. One of the many improvements in the manipulation of the Ithaca Hammerless Gun is the attachment of their cocking device, which enables them to put on and remove barrels at all times, same as Hammerless Gun, without reference to the gun being cocked or not, thus avoiding the necessity of the continued tension on the mainspring when the gun is not in use, or oblige one to cock it before replacing the barrels. An examination of the gun will convince the sportsman that it has many improvements and advantages not possessed by any other hammerless gun and that it is the best gun for the money. They are manufacturers of Fine Breech-Loading Guns, Hammer and Hammerless Double-Barrel Shot Guns, and make a specialty of close, hard shooting guns, all of which are fully warranted. The business was first established eight years ago, the

in all their dealings among a large circle of business acquaintances.

First National Bank. Few banking houses in the country can show a record of greater prosperity than the above, which was organized under the national banking laws, in 1864. The capital stock of the bank is \$250,000.00 with a surplus of \$50,000.00 and a general banking business in all its branches is transacted. The First National is thoroughly equipped for the prosecution of its business and the accounts of corporations, firms and individuals will receive prompt and careful attention. The directory is made up of the most prominent and experienced business men of this section and its officers are Messrs. Douglass Boardman, president, John C. Stowell, vice-president, and Henry B. Lord, cashier, all of whom extend financial aid when needed and are among the greatest factors in development of the resources of Ithaca.

A. H. Platts & Co., No. 10 and 12 East State street. In no line of business is a gratifying condition of trade more noticeable than in that relating to cigar manufacture, and to no house can it be more justly



applied than to that of the above. The factory comprises four floors, two of which are 20x80 feet and two floors 66x80 feet in size, where forty skilled cigar makers are steadily employed. The total product for last year reached the handsome aggregate of 1,500,000 cigars. They are the manufacturers of that famous and celebrated ten cent cigar, the "Ultimatum," which is a hand-made cigar with Havana filler, Sumatra wrapper, the superior of which has never been discovered, and is considered by connoisseurs, an easy smoker of mellow taste and fine flavor. Nothing

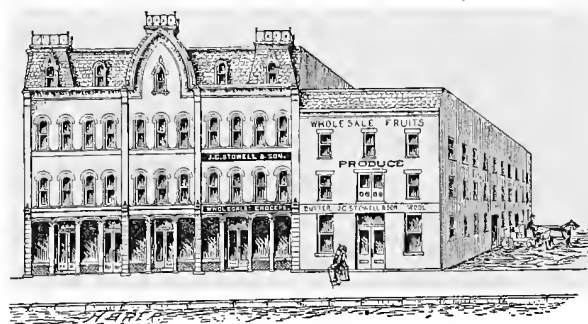
but the very best stock is used in the make-up of this cigar, and last year the firm manufactured 1,000,000 of "Ultimatums." They are about to present to the public, the "Our Record" five cent cigar, which will, undoubtedly, in a short time become a prime favorite with smokers. The trade of the house extends to all parts of the country and three traveling men are employed. The foundation of this vast enterprise was laid in 1863. Mr. A. H. Platts being with the house for the past twenty years as a partner. The present firm was established two years ago and consists of A. H. Platts, J. B. Delano, P. Crise and A. L. Niver, all of whom are well known and respected in this community.

L. S. Wortman, No. 16 N. Aurora street. One of the most important and admirable features of this city's business institutions, is her Meat Markets. Principal among such establishments is that of the above gentleman, who in 1886 succeeded to a business established by his father many years ago. The premises occupied are large and spacious, equipped with large refrigerators for the preservation of the immense stock of Fresh and Salt Meats of all kinds, which can at all times be found here. Hams, Shoulders, Bacon and Bologna; Head-cheese and Sausages in their season form specialties which have a wide reputation with connoisseurs. An extensive wholesale trade is enjoyed and Mr. Wortman does a large shipping business to eastern cities. His slaughter house is located on the out-skirts of the city, and the Sausage Factory is in

the rear of the store, both places being thoroughly equipped with the necessary appliances. About five head of cattle and from ten to twenty lambs, sheep and calves are killed weekly and four men are employed. As a meat emporium, Mr. Wortman's place has won a reputation that ranks it at the head of quite a respectable list of competitors.

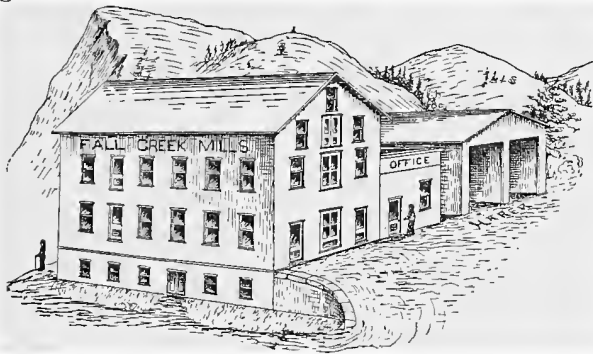
A. E. Chipman, No. 10 E. State street. One of the most progressive business houses in this city is that of the above gentleman, who has been in business here since 1888. His store-room is 20x100 feet and here can be found all the latest styles and novelties of Parlor and Chamber Furniture, Upholstery Goods, Tapestries, Lace Curtains, Baby Carriages and everything that is new, novel and desirable in this line. He also occupies a three-story ware-house, 40x100 feet in size, for storing surplus stock and doing all kinds of Upholstering Work and Repairing, which is promptly attended to and neatly executed. He employs six people and one wagon, and his trade is very extensive throughout the city and surrounding country.

J. C. Stowell & Son, Nos. 17, 19 and 21 W. State street. The wholesale grocery trade in this city has a worthy representative in the above firm. The house was established twenty-one years ago, since which time it has year by year grown and extended until it has attained its present large proportions. The premises occupied are one building four stories high with basement and one three story building with basement, each floor 60x115 feet in dimensions, thoroughly equipped for the rapid conduct of the business, with steam elevator and other conveniences. A strictly wholesale business is done in Groceries and produce of all kinds, including Pillsbury's XXXX Flour, Sugars, Coffees, Spices, Fancy and Shelf Goods, Tobaccos and Cigars, Flavoring Extracts, Wooden-ware, Dried and Green Fruits, and in short everything required by the trade, all of the best grades and quality. One of their specialties is provisions of all kinds, such as Hams, Butter, Cheese, Lard, Dried Meats, Fish, etc., having for the preservation of these goods a cold-storage warehouse in the rear of the store which is three stories high and 30 x 40 feet in size. In the different departments twelve men and two teams find employment, while two traveling men look after the trade of the house which is extensive throughout Southern New York and Northern Pennsylvania. Large shipments of Butter, Cheese, Lard, etc., are made throughout the Eastern States and as far south as Washington, D. C. The firm is composed of Messrs. J. C. Stowell, who has been in business here since 1835, and his son,



C. D. Stowell, one of Ithaca's enterprising young business men, and their house is in every way worthy of the success it has attained and the respect in which it is held by the entire community.

Fall Creek Mills. One of the industries upon which Ithaca may justifiably pride herself is the manufacture of a superior grade of flour, and the largest establishment of the kind is that of Mr. A. M.



Hull, who thirty years ago, succeeded to the business which was established about forty years ago. The mill is a large three story structure 40x100 feet in size, with an L two stories high and 30x40 feet in size, used for storage purposes. Its motive power is furnished by two water wheels, one of eighty-eight and one of sixty horse power, and is provided with an Odell system full roller process, twenty rollers in all, giving a capacity of 200 bbls. per day, and employment to eight men. Nothing but the very best grades of flour are manufactured and their specialties are "Superlative," which is made of mixed spring and winter wheat "Minnesota Hard Spring," made entirely of Minnesota wheat, and "Bonney" of winter wheat. The above are all patent. For family use their brands are "Fall Creek," Standard, "Golden Harvest" and "Vienna," and judging from the immense demands made on the firm for their products, these brands certainly have no superior. Grain is bought for cash, and all kinds of feed and meal is ground to order. One traveling man looks after the trade of the house, which is very extensive in this city and within a radius of 100 miles. Mr. Hull, a gentleman of affable and pleasant manners, gives his personal attention to the mill.

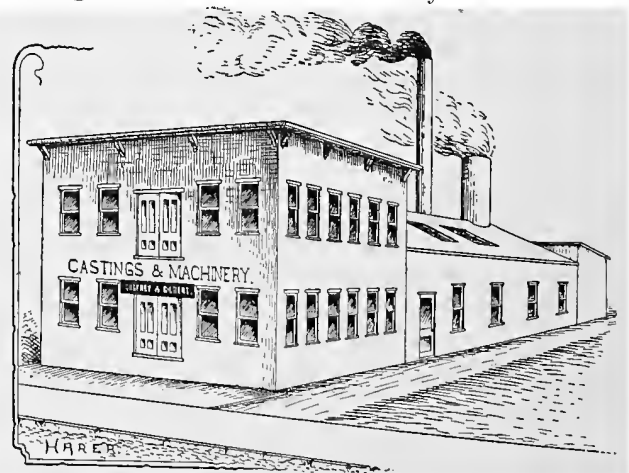
Fred Atwater, Nos. 34 and 36 North Aurora street. Ithaca is to be congratulated on numbering such houses as the above among her merchants. The business dates its origin to 1886 and Mr. Atwater carries on two distinct enterprises, that of a first-class retail grocery and a bakery. In the bakery there are employed four men, and Bread, Cakes, Pies, Buns, Rolls, etc., form the specialties of this department, while in the grocery a full stock of staple and fancy goods, produce and fruits of all kinds, in fact everything usually found in a first-class house of this kind. Five people are employed in the store, which is 32x60 feet in size, and another room 16x60 feet, is used for storage purposes. Mr. Atwater is looked upon as one of the staunch and reliable merchants of Ithaca.

The Clinton House, corner Cayuga and Seneca streets. The above house is the oldest hotel in the city, having been conducted as a hotel since 1830. It is a massive four-story brick structure, well arranged and adapted for the purpose and numbers seventy-five large and well-ventilated rooms, comfortably furnished throughout. Guests of the house enjoy all the comforts of a first-class hotel and receive a care and attention that cannot fail to make the stay of any one a pleasure. It also contains roomy halls, handsome parlors and a spacious office, which is connected with

Reading, Writing and Bar-rooms. In fact, every department of the house is kept first-class in all respects. The dining room will seat 100 guests and the table is a special feature, provided with all the delicacies and luxuries in season. The house is heated by steam, has electric call bells, hot and cold water and employment is furnished to twenty polite assistants. The proprietors, Messrs. C. H. Wilcox, B. F. Slocum and C. A. Bush are experienced hotel men whose courteous manners and social qualities have gained for them a host of friends throughout this section.

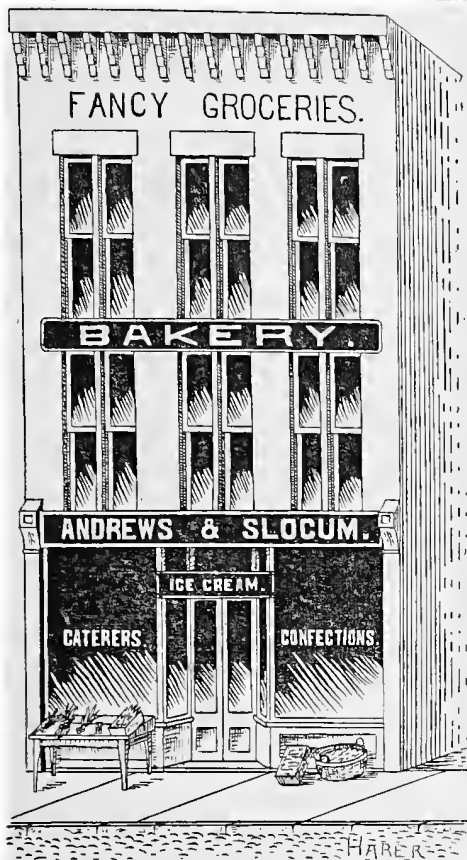
Uri Clark, State street. Among the large number of elegantly fitted store-rooms on the main thoroughfare of this city, is that of Mr. Uri Clark, who is one of Ithaca's pioneer business men, having been in business here for the past thirty years. In his store-room which is 22x70 feet in size, he employs two clerks, and his stock is one of the largest and finest in the city, comprising everything in the way of fine Jewelry, Diamonds, Watches, Clocks, Bric-a-brac, etc. His stock is always large and complete and a specialty is made of Guns, Fishing Tackle, Ammunition, Sporting Goods, etc. Mr. Clark is a practical watch-maker and offers special inducements to purchasers.

Godfrey & Gilbert, No. 31 South Cayuga street. We take pleasure in mentioning in this review the machine shop which was founded in 1889 by Messrs. E. O. Godfrey and R. Gilbert. Their premises consist of a two story building 32x115 feet in size, which is equipped in a splendid manner for the extensive business they carry on. They employ seven men and are themselves, among the most experienced and skillful machinists in this State. They are large manufacturers of Horse Hoes and Cultivators of their own patterns, which have a large sale on account of their durability and usefulness. Shaftings, Pulleys, Hangers, Plows, Scrapers, Stove Repairs, Boat Castings, Feed Bunks and Hay Racks, and a specialty is made of repairing machinery of all kinds and manufacturing to order all kinds of special castings and machinery, all of which are made up promptly to order. This is one of the live and progressive manufacturing establishments of the city. Mr. Godfrey



was with Treman Bros., for over twenty years and is a practical man in all branches of machine work, while Mr. Gilbert was for eight years foreman of the foundry with the same firm.

Andrews & Slocum, No. 17 E. State street. A review of Ithaca would be anything but complete, unless it contained some mention of the above house. The premises consist of one floor and basement 20x80



feet in size, and in their stock can be found everything and anything pertaining to staple and fancy groceries, canned goods, etc. They are also extensive bakers and supply a large trade with their famous "New England" Bread, Cakes, Buns, Rolls and a full line of Confections. A specialty is made of catering for banquets, weddings, parties, etc., and they are regarded as *the caterers* of the city. Five clerks in the store and two men in the bake-shop are employed. The business was established as far back as 1883 and

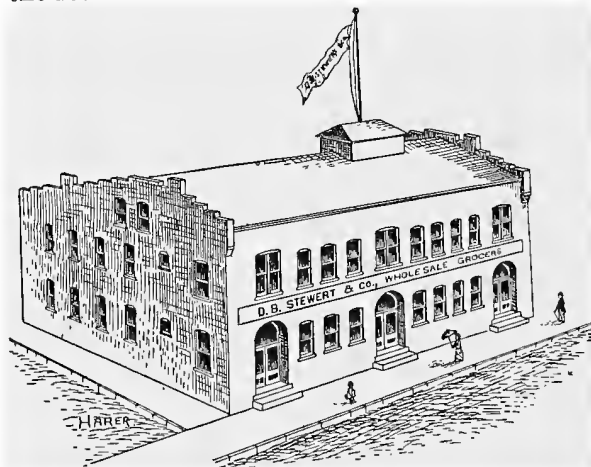
the present firm which is composed of Messrs. I. C. Andrews and C. H. Slocum took charge in 1891, and they conduct their business on principles that are never failing of success. They make a specialty of Ice Cream and Ices of all flavors put up in shapes—delivered to customers. Outside orders given prompt attention.

A. B. Dale, Office, First Door Next of Post Office. Of all arts, architecture may be ranked as the most useful to man, while the others are only decorations, and no edifice should be built without being passed upon by a competent architect. One of the leading firms engaged in this line of industry in Ithaca is that of Mr. A. B. Dale, at the above location, where he can be consulted at all times. He is an architect of twenty-nine years experience, and a practical man in his profession—nature having endowed him with a taste for this profession, he has made it a favorite study, and is prepared at all times to furnish plans for all kinds of public and private buildings. It would be impossible in a work of this character to enumerate even a respectable portion of the many structures erected through the enterprise of Mr. A. B. Dale, but we may mention the Ithaca House, Masonic, Wilgus, Sprague and Gregg Blocks, *Journal* Building and Wm. Esty, Mrs. Sprague, Wm. Bostwick, J. L. Whiting, Wm. Andrews and Judge Boardman's residences, and a score or more of others.

E. S. Sisson, No. 58 E. State street. The well dressed portion of this community is in a decided majority, and owe the stylish and well made appearance of their garments to such merchant tailoring

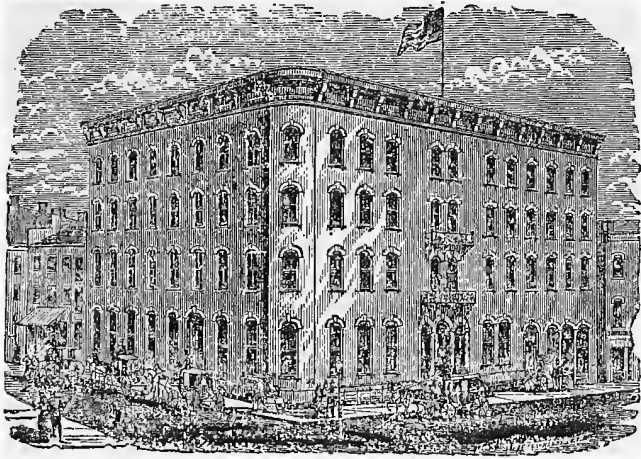
houses as that of Mr. Sisson, who two years ago succeeded H. K. Jones, and ranks with the best in this section. His parlors are well appointed and nicely stocked with a choice selection of Foreign and Domestic Woolens, Cassimeres, Cheviots, etc., of the latest styles and patterns. Ten people are employed and one expert cutter, who are at all times under his personal supervision. He guarantees elegant styles, perfect fit and his trade is continually increasing, owing to his affable and polite manners.

D. B. Stewart & Co., Nos. 15, 17 and 19 South Tioga St. The wholesale grocery trade of Ithaca is one of its leading business interests, and the house of D. B. Stewart & Co., is the most prominent representative of that interest. This well known house is certainly a pioneer, having been established in 1871 by Winton, DeLano & Co., who after several changes were succeeded by the present firm two years ago. The building occupied for business purposes is a large and commodious structure two stories high, with basement, 80x80 feet in dimensions. A tour of inspection was made through the different departments by the writer, and we can safely assert that a better arranged or more complete stock of Groceries and Provisions cannot be found in this state. A strictly wholesale business is done and a full line of everything pertaining to the wholesale grocery trade can be found here, all of the best grades and sold at lowest market quotations. A specialty is made of the finest brands of Teas and Coffees. They are extensive coffee roasters and their special brand "Zalacca" has no superior in purity and strength, and is unequaled in quality. They are also extensive manufacturers of cigars, among them the famous "Nabob" 5-cent cigar, which has been made by Mr. Stewart for the past 20 years, and stands in high repute among all consumers as an excellent and first class weed in every respect. The "Fultorn" another excellent 5-cent cigar; and the celebrated "Journal" 10-cent cigar, which is made of Havana filler and Sumatra wrapper, and is considered by experts to be the finest smoke in the market to-day, having that fine flavor and mellow taste peculiar to fine cigars. In the cigar department ten men are employed, in the store nine men and two teams, while five traveling men look after the interests of the firm on the road. The individual members of the firm are



Messrs. D. B. Stewart, E. C. Stewart, H. M. Lovell and B. F. Tompkins, all of whom are "natives to the manor born" and gentlemen who have no superiors, commercially or socially, in this community.

Ithaca Hotel. The residents of this city have every reason to be proud of the palatial Hotel "Ithaca," which opened its doors to the public in 1872. The building is a four story brick structure 160x140 feet in



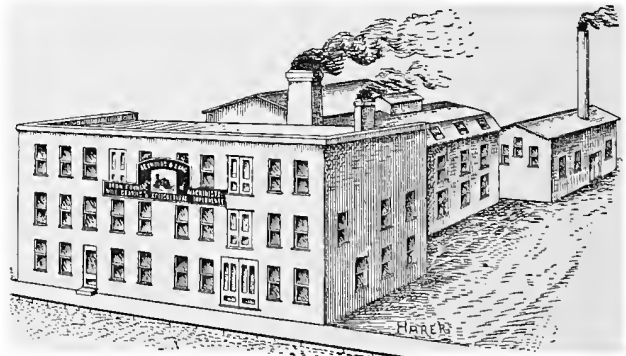
size. The rooms are large, airy and well arranged, and the hotel can provide accommodations for 200 guests. The dining room which is a marvel of beauty, will seat 175 guests, and is in charge of competent and skillful stewards. The cuisine is unexcelled and all the delicacies that the market affords are to be found on the table. There are spacious parlors, reading, reception, billiard and sample rooms, and all other appurtenances to be found in the larger cities. The house has 120 comfortably furnished sleeping apartments which are in communication with the offices on the ground floor by electricity. A specialty is made of furnishing banquets, dinners, etc., to large parties. Mr. H. D. Freer who has had charge of the house for the last five years, is one of the most experienced hotel men in the country and has hosts of warm friends among the commercial tourists.

R. A. Heggie & Bro., No. 40 E. State street. The foundation of the above concern was laid as far back as 1876, and it is to-day one of the leading establishments of the kind in the "Forest City." The firm is most eligibly located in commodious quarters, 22x100 feet in size, and their stock in trade consists of Jewelry of all kinds, except the shoddy articles; their assortment of Diamonds and precious stones being large and varied, Gold and Silver Watches, Silver Ware, Fine Silk Umbrellas and Optical Goods, both of foreign and domestic manufacture. The firm are also manufacturing jewelers, the factory being located in the rear of the store, and make a specialty of College Badges and Medals, Charms, etc., of the better grade only. They also give special attention to Fine Watch and Jewelry Repairing and employ two competent assistants. Messrs. R. A. and W. C. Heggie are both practical watchmakers and jewelers, and have succeeded in advancing their business interests to a full and high degree of prosperity.

George Griffin, No. 9 N. Tioga street. In general appearance, and for the needs of the business it can be truthfully said that the salesroom of Mr. George Griffin is without doubt the finest and best of the kind in this entire section, not even excepting the palatial stores of Rochester and Buffalo. It is a large, well arranged store, 35x85 feet in dimension, and, as re-

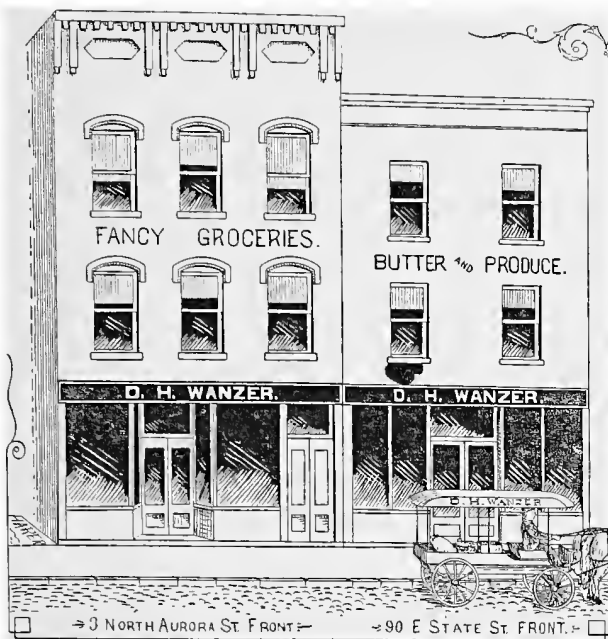
gards light and ventilation, is absolutely perfect. In it is displayed a most carefully selected stock of foreign and domestic goods of the most stylish patterns and colors, which, in the hands of artistic cutters and skilled journeymen, are made up into elegant and perfect fitting garments, the house basing its reputation upon the stylish appearance of its patrons. Part of the third floor is used for manufacturing purposes, and twenty-five hands and two skilled cutters are employed. The business has been established for the past nine years and Mr. Griffin's house is certainly the foremost in its line in this section.

Reynolds & Lang, Nos. 17 and 19 Green street. In the department of iron works, Ithaca has the best facilities for manufacturing, which are not surpassed by any rival, and the company whose card heads this brief sketch is, without doubt, the largest and most extensive of its kind in this section. The ground occupied by them is 66x160 feet in size, on which is erected a three story machine shop 40x60 feet, one story foundry 40x50 feet, three story pattern shop 24x30 feet, one story boiler shop 40x60 feet, and several other buildings which are thoroughly equipped with all the necessary machinery, tools and appliances and where from twenty-five to thirty skilled mechanics are engaged in the manufacture of "Daisy Queen" engine with steel boiler and which is especially designed to meet the steady increasing demand for an engine and boiler simple in construction, of a few parts, durable, easily managed, and economical in the use of fuel. The "Forest City" traction engine, which is the lightest, simplest, most economical, powerful and effective traction engine built in the world. In fact it numbers all the advantages of a perfect machine which can hardly be said of any other in the market, and which has given it a decided preference with the intelligent farming community. Engines, Boilers, Saw Mills, Land Rollers, Plows, Horse-hoes and Cultivators of their own patterns which have a wide reputation for their durability and labor-saving powers, Post Malls, Lock-shoes, Sash-weights, etc., and general jobbing and repairing of all kinds is made a specialty. They are also extensive dealers in Rubber and Leather Belting, Hose, Packing, Iron-pipe, Steam Fitting and Engine Supplies. The trade of the concern extends all over this State, Pennsylvania and adjoining states. This enterprise was started in 1860 by J. S. Reynolds, and



in 1864 Mr. J. B. Lang went in, who thoroughly understands all details of their business, being themselves practical mechanics, and who have done much in advancing the interests of this city.

D. H. Wanzer, No. 3 N. Aurora street and 90 E. State street. Mr. D. H. Wanzer, whose name heads this sketch, is no stranger to the people of Ithaca, having done business among them for no less than



twenty-five years. He occupies a fine stand at the above number, including one floor and basement 25x70 feet with an L 22x40 feet in size, at number 90 East State street, employs six assistants, and keeps busy two delivery wagons. He handles choice family groceries of every description, and his extensive trade attests the fine quality of his goods. He keeps in stock everything the house-keeper needs, including all the leading brands of Flour, Teas, Coffees, Bread and Cakes, Fruits, Vegetables, etc., and all his goods are warranted as represented, or your money is refunded. Mr. Wanzer also makes a specialty of fine Butter and through his long practical experience in the business, possesses a thorough knowledge and appreciation of every detail of it.

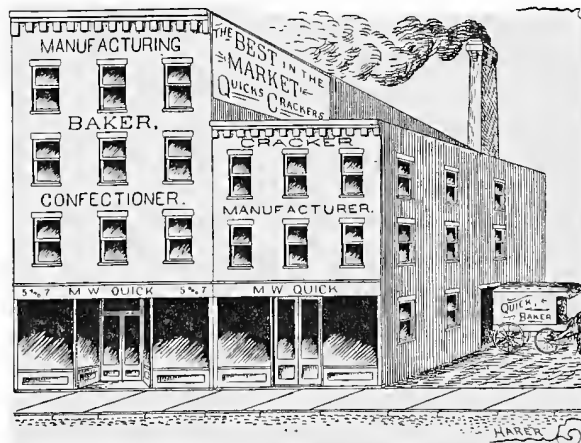
Fred W. Brooks, No. 54 E. State street. Altogether, this establishment is a model of taste and richness in design that speaks volumes for the artistic and executive ability of the proprietor. The stock is the finest, largest and most complete assortment of Diamonds, Gold Watches and Fine Jewelry, Imported and Decorated China Ware, Rich Cut Glass Ware, Ornaments, Bronzes, Lamps, Fine Umbrellas and Canes to be found in Western New York. The show windows are marvels in their way, and display their contents, spread out in glittering array. The store-room is 22x79 feet, and employment is given to three clerks. Buritt & Brooks organized this business in 1865 and conducted it until 1875 when Mr. Buritt retired and Mr. Brooks became sole proprietor. He is a practical watch-maker and jeweler of many years experience and that he has made a grand and growing success of his venture, there is no room for question.

F. B. Atwater, No. 65 E. State street. One of the popular tailoring establishments of this city, is that of the above gentleman, who established his enterprise here in March, 1889. He carries the largest and

finest selection of imported and domestic Woolens, Cassimeres, etc., unique in pattern and artistic in design which are kept replenished from time to time with fresh and most stylish suitings. The most careful and particular attention is given to making up these goods in suits and a perfect fit and satisfaction is guaranteed in all cases. About fourteen hands are employed, all of whom are well skilled and experienced in their trade, and part of the third floor is utilized for manufacturing purposes. An artistic cutter is retained and Mr. Atwater is a business man of ability and intelligence, to which the success of his enterprise is in a large measure due.

Geo. W. Melotte, M. D. S., Wilgus Block. The above gentleman established himself here twenty-four years ago and occupies handsome and commodious offices in the Wilgus Block, completely equipped with all the modern improvements designed for the preservation of natural teeth, and his practice is wide and extensive. Every possible attention is given to the care of patients and dentistry in all its difficult features and phases is performed, making a specialty of the insertion of teeth, without plates, by the "gold crown" and "bridging" process. Dr. Melotte is the inventor of several dental appliances, and is too well known in this community to need any further comment at our hands.

M. W. Quick, No. 5 and 7 State street. Among the many prosperous and enterprising houses of Ithaca, that of the above gentleman can justly lay claim to a position in the front ranks. The business was established in 1835 by J. L. Whitten, Mr. Quick assuming control July last, since which time it has been an unqualified success. He occupies one four story building, 25x70 feet with basement, and a three story building 25x100 feet, which is used for the bakery and shipping room. A general line of Crackers, Cakes, Candies and Confections are manufactured, with a specialty of his celebrated brand of "New Process" Bread, which has the largest sale in this city. From ten to twelve barrels of flour are utilized per day and from seventeen to twenty people find employment. A large trade is transacted within a



radius of thirty miles owing to the superiority of these goods. Mr. M. W. Quick gives his personal attention to the different departments and his standing in this community is particularly high.

Jamieson & McKinney, No. 9 S. Cayuga street. In writing descriptive sketches of the various enterprises carried on in this busy hive of industry, the firm under notice should by no means be omitted from the



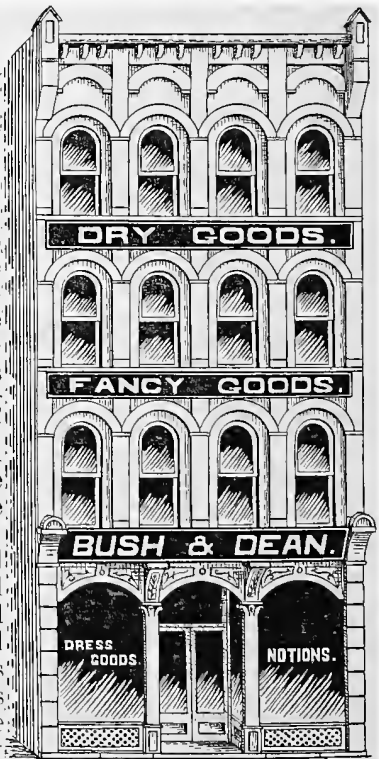
pages of this volume. In 1873 Mr. John M. Jamieson, inaugurated the business and in 1874 admitted to partnership Jas. A. McKinney, who had been with him from the start, and they have built up as fine and growing a trade as any similar house in western New York. A great deal of outside work is done by them in western and southern New York, Pennsylvania, Illinois and New Jersey. Their premises comprise one floor and basement, 25x100 feet in size, and two floors in the rear 20x30 feet each. Their works are thoroughly equipped with all the essential tools and machinery and a number of skilled mechanics find employment in the prosecution of their extensive business. All kinds of Plumbing, Gas Fitting, Steam and Hot Water Heating is done with promptness and despatch, and the firm are wholesale and retail dealers in Pipe, Fittings, Radiators, Valves, Boilers, Bath-tubs, Rubber Hose, Gas Fixtures and all goods generally found in a first-class house of this kind. Furnaces, Steam and Hot Water Heaters of an infinite variety are also handled. Messrs. Jamieson & McKinney are both practical engineers and plumbers and are thoroughly able to compete with other houses and furnish plans and estimates free.

The Bool Co., First Co-operative company. Occupying a magnificent four story structure with a frontage of sixty-five feet and a depth of 162 feet and of a most handsome appearance, with its elegant plate glass windows, displaying all that is elegant in design and costly in material of Upholstery and Furniture wares. The house of The Bool Co., at all times commands the attention of the stranger in Ithaca. The fourth floor and basement is used for storage of surplus stock. The first and third floors are used to display a stock of furniture and unique articles of home comfort and adornment, such as Easy Chairs, Sixteenth Century Wares, Divans, Secretaries, Desks, Baby Carriages, Etchings, Paintings and Picture Frames. The second floor is devoted to everything new, tasteful useful in Carpets, Draperies, Mattings, Antique Rugs, etc., and a new, rich and varied stock of Wall Papers

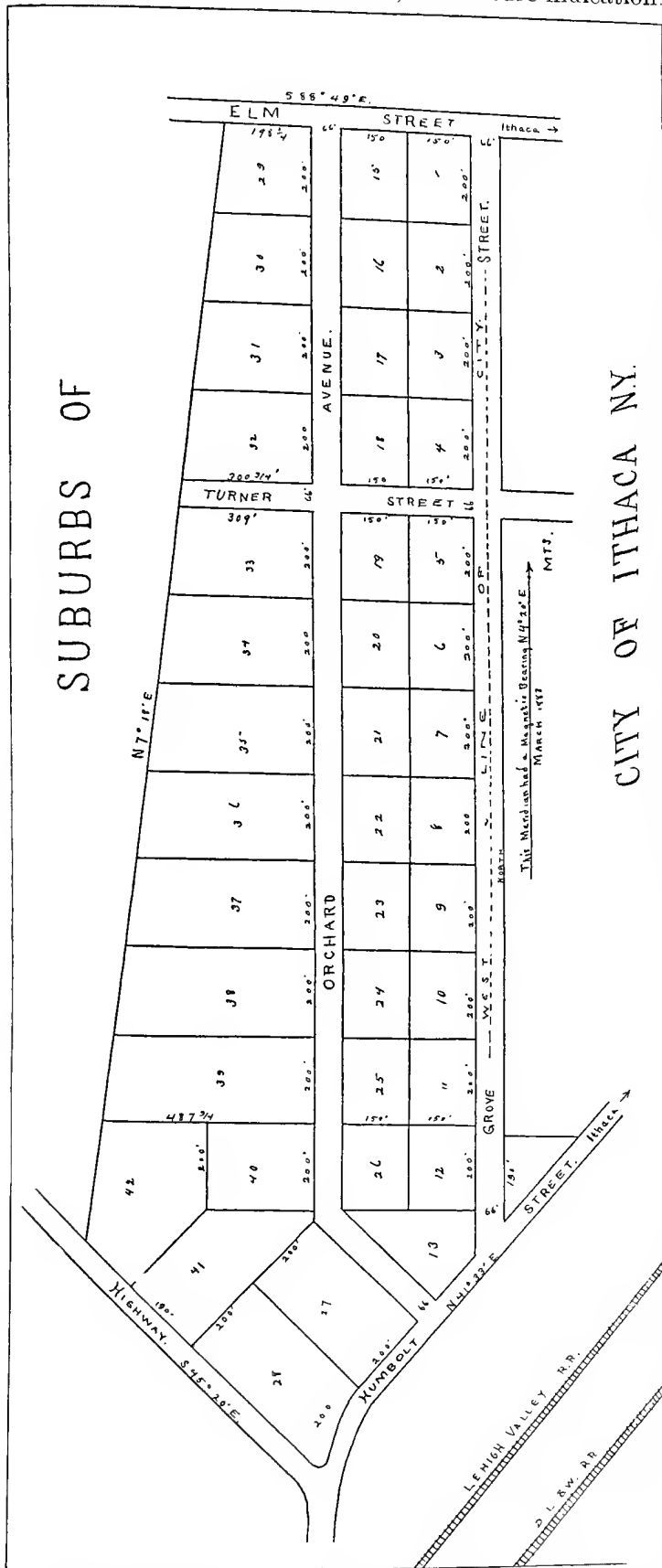
and Decorations. All of these goods can be found here in infinite variety, quantity, quality, style and price. They also occupy a three story structure with basement 30x160 feet in size, for the manufacture of Furniture and Upholstery Ware, Picture Frames, and make a specialty of Flat Top Desks, which are neat in appearance, handsome in finish and durable, and all kinds of Upholstering and Repairing is neatly executed. The foundation of this vast enterprise was laid by Henry Bool in 1872, who conducted it with marked success until 1890, when it was incorporated with a capital stock of \$30,000.00 on the co-operative plan. Thirty men are employed, all of whom are stockholders in the concern, which is officered by Henry Bool, president; P. A. Campbell, vice-president; E. N. Corbin, secretary and treasurer, who with E. C. Corbin and C. L. Wagner also constitute the directory. So attractive and inviting is their store that it enjoys not only most of the trade of discriminating people hereabouts, but has vast numbers of regular and transient customers from adjacent states. The officers are gentlemen of pronounced business ability, and of courteous manners, making them immense favorites with their many friends and patrons.

Bush & Dean, No. 53 E. State street. The extensive establishment of this firm deserves considerable mention in these pages. It is the most spacious and elegant Dry Goods emporium of Ithaca, their store room being the largest on State street, having a frontage of twenty feet and a depth of 120 feet. It is heated by steam, has a cash railway system and many other improvements which facilitate the rapid conduct of the business.

Eight polite and attentive clerks are employed in the different departments and the basement is utilized for storing purposes. Their trade is unsurpassed by any similar house in the city and is made up of the best and most fashionable people of the community. Everything in the way of foreign and domestic Dry Goods, Ladies and Gents Furnishing Goods, etc., of the very best grades, makes and styles can be found here in endless variety. The specialty of the house, however, is Ladies and Misses' Wraps and Cloaks, Fine Silks and Dress Goods, imported direct from first hands and in the latest styles and novelties. The stock is as varied, new and valuable as that of any house in this line of trade in the country. The business was established thirteen years ago by Jackson & Bush, who were succeeded five years later by the present firm, which is composed of F. M. Bush and O. L. Dean, both of whom are highly esteemed in all circles for their reliability and enterprising spirit.



C. M. Titus. The demand for real estate during the past year, has in Ithaca, at least, been a sure indication.

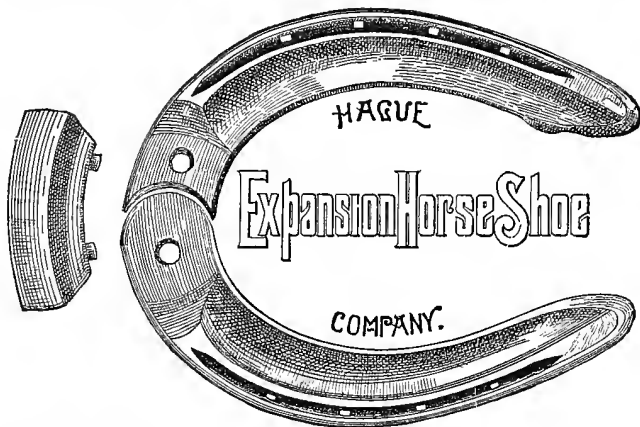


for the advancement and development of real estate than any other citizen. He has just added another addition to the city of forty lots. These lots are parcels of land, favorably situated for suburban homes, gardening and fruit growing purposes. The soil known to be choice and well adapted to producing grapes, strawberries, raspberries, currants, apples, etc. They are located in one of the many delightful spots of the city and we can refer to none offering more advantages and promises for future developments than the Titus West Side Addition. This property is easy of access, most excellent water is easily obtained and new streets and avenues are now being laid out and graded, and this addition is not only the most available but the finest of all in Ithaca. The lots, than which there are no more desirable in the city, have already found many purchasers, and our advice to those who are looking for a profitable and safe investment, is at once to call on or address, C. M. Titus, Ithaca, N. Y.

Williams Bros., Phenix Iron Works. The manufacture of Machinery forms a very important branch of the iron trade of this city. Among the establishments exclusively engaged in this line of enterprise is the above concern, which was established in 1869 by Bostwick & Williams who were succeeded in 1872 by Williams Bros., and who in turn were succeeded in 1883 by Roger B. Williams. The premises are 350x355 feet in dimensions, on which are erected the several buildings necessary for the construction of their products. They are thoroughly equipped and appointed in every particular and the class of work turned out here is unexcelled by any similar establishment. The line of manufacture consists of the "Ithaca Wheel Rake," of which over 80,000 have been sold, and has taken 150 first premiums. It is made to do its work well, of good material, simple and durable, and will rake grain or stubble. It has a broad-cast plaster and grain sower attachment, which is easily regulated and used. It has spring steel, oil tempered teeth, which are always ready for any kind of raking. The "Ithaca Wheel Rake" with self-dumper which for simplicity, durability, and ease of operation is not equaled. The "Ithaca Portable Engine," which numbers all the advantages of a perfect machine and contains many patented improvements of great value and convenience. Plaster and Grain Broad-cast Sowers, patent Straw and Feed Cutters, which have many improvements not to be found in others. The "Ithaca Patent Lumber Wagon," "Eagle Power Punch," which in construction is a combination of eccentric and crank motion, strongly geared, a heavy balance wheel and run with tight and loose pulleys, being adapted to boiler and sheet iron work. Well tools and machinery of all kinds are also manufactured. These implements have passed entirely through the experimental age, and for many years have found a ready market in all parts of this country, Germany, Australia, South America and other foreign countries, the trade being looked after by three traveling men. Agricultural Implements, Engines, Boilers and Machinery of all kinds are made to order and repaired. From forty to fifty skilled workmen are employed in the various departments and the importance of this business to the city of Ithaca can hardly be estimated. Mr. Roger B. Williams is also president of the Ithaca Savings Bank and is known as one of the most liberal and progressive citizens.

of the faith placed in its future by the many who have made investments. It is a strong assertion, but undoubtedly true, that Mr. C. M. Titus has done more

The Ithaca Drop Forge Company. One of the latest acquisitions to the manufacturing industries of Ithaca is the above, which was incorporated with a capital stock of \$50,000.00 about six months ago. The



works are 30x60 feet, thoroughly equipped with all the necessary machinery, and employment is given to seven men. Here they make a specialty of Drop Forging in all its branches. They are the exclusive manufacturers of the Champion Chain Pipe Wrench, which are easily taken apart so that if any part breaks it can be replaced. They are also manufacturers of the Hague Expansion Horse Shoe, which allows the foot perfect freedom, the same as if bare. It is the only shoe fit to use on a colt's undeveloped feet, and will cure contracted feet and corns by allowing the blood its natural circulation. They are made in all sizes and weights, and where they have been introduced have gained the title of the "Practical Common Sense Horse Shoe." The concern is officered by some of Ithaca's prominent citizens who are sure to meet with universal success in their new enterprise.

Tompkins County National Bank. Among the banks of this city the above is particularly worthy of commendatory notice in this publication. This institution was established in 1836 and in 1865 it became a National Bank. A general banking business is done in all its branches. It has a paid-in capital stock of \$150,000.00, with \$27,078.00 undivided profits and a surplus of \$40,000.00. In connection with the banking business they conduct safe-deposit vaults of immense proportions which are of great value and importance to the general public. The vault has been constructed with every precaution and care and is as completely fire and burglar-proof as the ingenuity of man can make it. Great care will be exercised in the management of this department and ample protection for valuables of every description will be given against the depredations of thieves as well as destruction by fire. Each compartment is entirely separate from the others and only the renter can obtain access to its contents. The compartments are four sizes and rent at \$5.00, \$10.00, \$15.00 and \$20.00 per annum. The officers of this worthy institution are Messrs. L. L. Treman, president; J. C. Gauntlett, vice-president, and H. L. Hinckley, cashier, and no gentlemen stand higher in the community than they.

Henry H. Angell, No. 44 E. State street. Mr. Angell established his enterprise in 1888 and enjoys the distinction of being the exclusive mens' hatter and furnisher in the city. The store occupied is 22x70

feet, with basement, and most centrally located. The store-room is a marvel of brilliancy, being filled to repletion with the finest stock of all the latest style hats, including the "Youman," for which Mr. Angell has the exclusive sale in this city, and Gents' Furnishing Goods and Novelties of every description, in both foreign and American styles. In addition, he makes a specialty of his shirt department and guarantees a fit and satisfaction to every customer in this line. Mr. Angell numbers among his patrons the most stylish and neatest dressed gentlemen of the city, and he justly deserves the unqualified success with which he is meeting.

Blackman Bros., Cor. State and Cayuga streets. This is one of the largest and most thoroughly equipped and reliable grocery houses in Ithaca. The premises consist of a store-room 50x70 feet and the stock carried is large, comprehensive and carefully selected, embracing all kinds of family groceries, staple and fancy, of the very best quality. The basement 50x70 feet, part of the second floor, and a warehouse 50x70 feet are used for the storage of surplus stock, and three clerks and two delivery wagons are utilized to supply the wants of their many customers. Their specialty is shipping of Fine Butter, Cheese, and Farm Produce, to southern and eastern states, always having on hand large orders for these goods, which they furnish at the lowest market quotations. The business is of thirty-nine years standing and was bought three years ago by Messrs. J. K. and C. L. Blackman, who by dint of energy, enterprise and strict attention to business have built up the business to its present magnificent proportions.

T. J. Stephens, No. 13 Tioga street. Among the skillful Marble and Granite dealers, is Mr. Stephens, who succeeded in 1869 to a business that was established in 1852. His premises consist of a two story display and store room 20x35 feet in size where he shows a large line of Marble and Granite Monumental Work in many beautiful designs and of every description, and a work shop 10x18 feet in size, where the lettering and finishing is done. Mr. Stephens is the largest dealer in his line in the city and as an expert workman and letterer has no equal.

The Autophone Co. Another concern which has gained a world-wide reputation is The Autophone Co., which was established twelve years ago with a capital



stock of \$50,000.00 for the manufacture of these instruments. They are made in two styles, namely: The "Gem Roller Organ" and "Concert Roller Organ." These musical marvels employ no paper but the music

is obtained from a roller furnished with pins similar to those of a music box. All the working parts of the instrument are easy accessible and the whole as durable and well made as the best sewing machine.



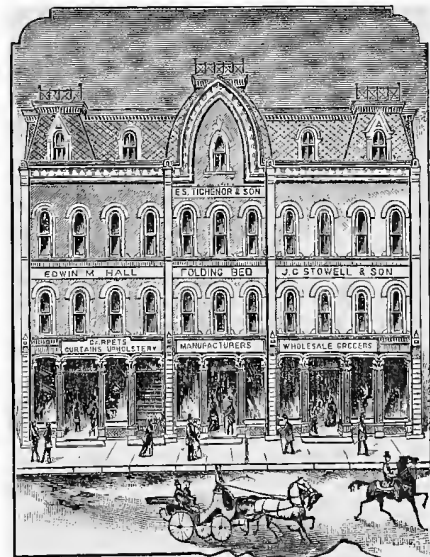
Nothing has been omitted to give this grand instrument its crowning qualities of extreme simplicity and durability. The reeds are of organ size and their volume of tone and full sustaining and carrying powers equal that of a full organ. By the aid of new and automatic machinery they are enabled to produce music rollers in large numbers, so as to furnish them to the public at a price not exceeding the average cost of sheet music. That the Roller Organ is a perfect musical instrument is attested by the fact that the last year's sales reached 14,000 organs and 200,000 music rollers. Nothing could be more desirable than one of these instruments which will produce all the latest music of the day, as well as the costly organ or piano without requiring the skill requisite to the performance on those instruments. They are of remarkable power, sweetness and purity of tone and of substantial construction. The plant consists of three floors 120x200 feet and contains all the intricate machinery and appliances necessary in the construction of these instruments. Forty-five people are employed and the Roller Organ can be found throughout the United States and foreign countries. The officers are Messrs. H. A. St. John, president, and H. M. Hibbard, secretary and treasurer; both gentlemen are pronounced business men, and progressive in every sense of the term.

Drs. F. S. & J. B. Howe, Nos. 1 and 11 Bates Block. The people in the larger cities have no advantage over the residents of Ithaca in access to skilled dentists. The Drs. Howe stand at the head of the profession in this community and occupy an elegant suite of rooms in the Bates Block, which are equipped with all the latest and most modern instruments and appliances. The office was first opened by Dr. F. S. Howe in 1857, who in 1887 admitted his son, J. B., a graduate of the University of Pennsylvania, to partnership. In May, 1891, his younger son, Fred. B., who is also a graduate of the same college was admitted. They are among if not the first to adopt remedies for filling teeth without any pain whatever. We were shown the Aluminum Dental Appliance Company's outfit for casting, crowns, bridge and dental plates, partial and complete, with their prepared pure aluminum bases, which combine great stiffness, conductivity, lightness, strength and durability with the most perfect adaptability to the mouth and comfort to the wearer. They are non-oxidizable and entirely free

from any action of the secretions of the mouth and at the same time perfectly compatible to the tissues, so that mouths congested and inflamed by the use of vegetable bases make a speedy and permanent recovery by the use of aluminum bases, which have for the past two years given the most perfect satisfaction. Treating inflamed and diseased conditions of the mouth with crown and bridge work and artificial teeth on any base form the specialties. Vitalized Air or Nitrous Oxide Gas for painless extraction of the teeth, and by their local anaesthetic, a new preparation, make the extracting of teeth perfectly painless. All the gentlemen of this firm are fine operators and deeply versed in the mysteries of dental surgery and mechanical dentistry. Any work intrusted to them cannot fail of satisfaction, as they give patrons the benefit of every known modern improvement to insure first-class work with the least inconvenience to the patient.

J. A. Bidwell, No. 124 W. State street. Visitors to the cemetery in and around Ithaca have often mentioned the extreme beauty of her monuments, much of which is due to the above gentleman, who occupies a workshop 22x50 feet and a display room 22x32 feet in size. Here he shows a fine stock of Marble and Granite Monuments, Headstones, etc. He employs three men including his two sons, who are expert workmen, and have no equals for doing work in elaborate styles and elegant finish. Mr. Bidwell established the business five years ago and numbers his business and personal friends by the hundreds.

Edwin M. Hall, No. 13 W. State street. In every city, in every department of trade among the many successful houses in the various lines of commercial enterprise, however well all may succeed some one will stand out conspicuously as a leader in each especial branch. In the carpet trade of this section the house of E. M. Hall stands pre-eminent. It would be impossible within the limits of a brief sketch like this to enumerate and describe even a portion of the vast,



varied and magnificent stock carried at all seasons. Suffice it to say that everything new, tasteful and useful in Carpets, Draperies, Oil-cloths, Mattings, Antique Rugs, Curtains, Upholstery, etc., can be found here in

infinite variety, quantity, quality, style and price. The premises consist of one floor where the immense stock is displayed attractively and invitingly and a basement where the complete stock is carried, each being 24 x 130 feet in dimensions, well lighted and arranged with all the necessary conveniences. Mr. Hall, the proprietor, was for twenty years a member of the firm of Marsh & Hall, and when they retired from business two years ago he established his present enterprise, and he is a gentleman of pronounced business ability and of courteous and affable manners.

J. L. Watkins, No. 92 S. Cayuga street. Every vehicle completed at this establishment is sustaining the reputation of it for doing the best work of this class. Mr. Watkins is a heavy manufacturer of Busses, Cabs, Peddling, Advertising and Business Wagons, which find a ready market principally in the west on account of their finish, neatness and durability. The factory numbers absolutely every facility and convenience known to the business. It is a large three story structure 40x75 feet in size, with blacksmith shop 40x40 feet, and eight journeymen are employed the year round. The extreme care which is exercised in the manufacture of every part is unknown in any other shop. Second-hand Wagons, Buggies, etc., are bought and sold, and repairing of all kinds is neatly and promptly attended to. The business was established as far back as 1829. After several changes Mr. Watkins took charge in 1882. In this line of business he has no equal in knowledge and experience.

J. B. Storms, No. 21 E. Green Street. Much of the beauty of the cemeteries in and around Ithaca is due to the artistic skill of Mr. Storms, who has been engaged in his present business for the past five years, when he became the successor to Beers & Goodrich. He occupies an establishment with over sixty feet frontage and about 300 feet deep, on which are erected the shop and sheds 21 x 50 feet, display and finishing rooms 21 x 50 feet, where several artisans are employed. Here are displayed many specimens of his work in foreign and native granite and marble and he is prepared to do cemetery work of every description, furnishing special designs if desired.

Dudley F. Finch, No. 60 E. State street. The establishment of the above gentleman was inaugurated by him in 1871. He has met with a success that bespeaks in the most flattering terms of his future prosperity and the high estimation in which he is held by the trade generally. He is finely located at No. 60 East State street, occupying the ground floor and basement, each 30 x 60 feet in size and which is filled to repletion with a large, comprehensive and carefully selected stock of Books and Stationery, Periodicals and the finest assortment of Wall Paper and decorations in the city. Two clerks are employed and Mr. Finch is a gentleman eminently worthy of the confidence and patronage of the public.

Hawkins & Todd, No. 22 E. State Street. A tour of inspection through the different departments of this house will convince the most skeptical that none carry a finer assortment nor a more complete variety of British, French, German and American Staple and Fancy Dry Goods. The well-lighted store, which is 25 x 100 feet in size, with its attractive display of

fancy goods, form one of the attractions of State street. The leading feature of the house is their superb and elegant line of Laces, Silks and Dress Goods of the very best grades and latest novelties. Six polite and attentive clerks are employed and the best trade of the city and surrounding country is enjoyed. The business was established in 1861 and Mr. N. S. Hawkins, the senior member, has been connected with it since that time. In 1884 Mr. L. G. Todd was admitted and the firm assumed its present name. Both gentlemen are of pronounced business ability, of affable and courteous manners, which is attested by the many hundreds that daily throng their commodious store.

George Small, Cor. Tioga and Green streets. The lumber trade of Ithaca is one that has developed into very extensive proportions. Among the largest operators in this line is Mr. Small, who succeeded to an old established business in 1876. He conducts two lines of enterprise, operating a large planing mill as well as being a heavy lumber dealer. The mill is a large three story brick structure, 48x63 feet in size, equipped in a thorough manner with all the mechanical contrivances and machinery designed for this purpose. The main yard occupies ground space of 100x200 feet and the other yard 132x160 feet, where can be found in stock immense shipments of building lumber of every description and for every purpose. About 1,500,000 feet of lumber is always ready to be manufactured or shipped, and employment is given to twenty men and four teams. Doors, Sash, Blinds, Mouldings, Castings, Ceilings, Floorings, constitute the principal products of the mill, which has a capacity equal to any demand made upon it. The trade extends throughout this city and surrounding country. Mr. Small is a genial, affable gentleman and always makes it pleasant and agreeable for his many patrons, and for all who may favor his establishment with a visit.

Enz & Miller, No. 13 N. Tioga street. Ever since its inception the business of this concern has been most successful and has steadily increased and extended until to-day it stands at the head of all similar concerns in this section. The premises occupied consists of four floors and two basements, each 24 x 85 feet, which are equipped with every facility for handling goods quickly and economically. The stock comprises everything in the way of Printing, Writing, Wrapping Papers, Stationery in an infinite variety, School Books, Book-keepers' Supplies, etc. Upward of five people are employed in the stock and salesroom, in addition to two traveling men. An exclusively wholesale trade is transacted which extends into all parts of Central New York and Northern Pennsylvania and is continually increasing and expanding, owing to the fact that the firm furnish paper at mill prices, having direct connection with some of the largest manufacturers in the country. In connection with this business they also operate an extensive paper mill for the manufacture of Straw and Rag Wrapping paper. The mill is thoroughly equipped with a full line of machinery run by water power, gives employment to twenty people and has a capacity of from three to four tons per day. The buildings cover about a half-acre of ground and the products find a ready market, owing to their superior finish and excellent quality. The members of the firm are Messrs. F. J. Enz and T. G. Miller, gentlemen too

well known commercially and socially to need any commendation at our hands. They established the business in 1878 and to-day it is one of the most important enterprises connected with this community.

C. J. Rumsey & Co., No. 68 E. State street. Ranking among the foremost mercantile establishments of this section, stands the favorite Hardware and Stove



house of the above firm, which is entitled by its magnitude and the great part it has played in the commercial progress of the city, to a prominent place in this volume. In 1879 C. J. Rumsey and Edwin Gillette succeeded to the business which was established by the brother of Mr. Rumsey over forty years ago. The premises consist of

four floors and basement 22x120 feet in size, and a floor in the next building 20x40 feet, which is used for storing purposes. The stock carried embraces anything and everything pertaining to General Hardware, Small Farm Implements, House Furnishing Goods, Bar Iron and Steel, etc. Many specialties are handled by this firm including the "Alaska" Refrigerator, "Hazard" Powder, "Carton" Furnaces, "Happy Thought" Stoves and Ranges of which they have placed over 2,000, and the "Splendid" Parlor Stoves, of which over 1,000 have been sold. The trade of the house is very extensive within a radius of twenty miles and the firm is noted as one of the most evenly balanced and successful in the city.

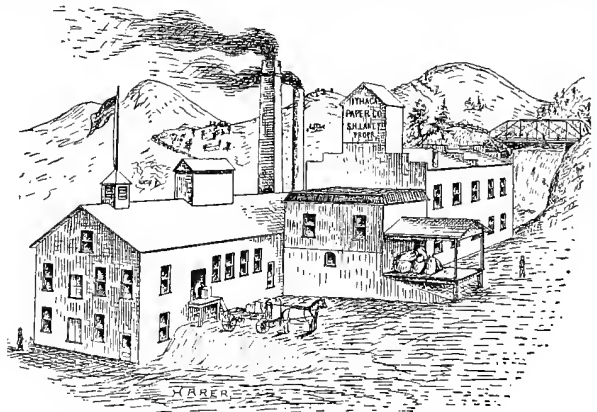
C. R. Sherwood, No. 47 E. State street. Along the entire length of State street, lined as it is with splendid stores, there is none more attractive than that of Mr. Sherwood, importing retailer of men's furnishing goods. The store is 20x100 feet in dimensions is well lighted and ventilated and attractively fitted up for displaying his immense stock of Gents' Furnishing Goods and novelties generally. Being a direct importer he is enabled to place the latest fashions and novelties before his customers almost as soon as they appear in the market. Another specialty of this gentleman is making Fine Shirts to order, guaranteeing satisfaction in every case. He utilizes the upper floor for this department and fifteen hands, including artistic cutters are employed. In the store he employs three clerks and two traveling men. He established his present enterprise in 1868 and his business has undergone a healthy increase in growth ever since, and to-day extends throughout this and adjoining states.

Chas. S. Seaman, Nos. 14 and 16 W. State street. Ithaca can boast of several enterprises which for completeness in all respects will bear comparison with any in the country. A prominent illustration of this fact is to be seen in the stables of Mr. Seaman. He occupies a commodious two story building 78x132 feet in size, the interior of which is as perfectly arranged, as long acquaintance with the needs of the animals and the other details of the business can make

it. Twenty head of driving horses, nine hacks and a full line of surreys, buggies, phaetons, etc., can here be found. Five men who are accustomed to the business are employed and particular attention is paid to weddings, funerals and parties, and a general livery and boarding business is transacted. The business was originally conducted by the father of Mr. Seaman for some twenty years and after several changes, he assumed sole control, two years ago. He is a well-known and highly esteemed citizen and all transactions with him are universally satisfactory.

Holmes Hollister, No. 24 S. Aurora street. Among the several flourishing concerns of this kind in Ithaca, without doubt one of the most prominent, is that of the above gentleman, who in 1874 was admitted to partnership in the business established by his father in 1859. At the death of his father in 1889 he became sole proprietor, and his volume of trade to-day is very extensive in this city and surrounding country. He is a wholesale and retail dealer in all kinds of Lumber, Laths and Shingles, and manufactures Doors, Sash, Blinds, Mouldings, Casings, Flooring, etc. He carries on hand at all times about 1,000,000 feet of lumber and his yard, mills, sheds, etc., cover about nine acres. The mill is two stories high, 40x105 feet in dimensions, thoroughly equipped with a full line of wood-working machinery and twelve men and two teams are employed in the different departments. Mr. Hollister enjoys a high commercial and social standing in the community.

Ithaca Paper Co., Manufacturers of Paper, Office and Salesroom, Corner Market and William streets, Elmira, N. Y. It is now three years since Mr. S. H. Laney assumed control of this mill, which was established many years ago, and to-day we find the plant provided with a perfect equipment of modern machinery and appliances designed for this line of manufacture, and driven by ample water power. The buildings are two and three story structures, covering about one acre of ground and employment is furnished to thirty-three people. The line of manufacture consists of superior grades of Manilla, Rag Wrapping and Print Paper, all of which is manufactured entirely of rag stock and more suitable to all purposes than the common grade, made out of wood or straw pulp. Here is made the celebrated "Ithaca Gray Rag" which



finds a ready market in all parts of the U. S. owing to its toughness and superiority over all others. Three tons of "Gray Rag" is the daily out-put, and the demand is so great throughout the country for this

paper, that it has necessitated the running of the mill day and night, and it is universally acknowledged to be the best paper on the market. Special sizes and kinds of paper are made to order and the capacity of the mills is about eight tons per day. The grade of paper manufactured by Mr. Laney for paper bags is equal to any and excelled by none. Through brilliant management and strict attention to business on the part of the proprietor, this concern and its products have reached their present immense proportions. Mr. Laney also operates a large establishment in Elmira, where he manufactures tinware and buys for cash all the rag paper stock and other material used in the manufacture of paper also rubber, bone, metal, old iron, etc. He employs upward of 100 hands and is a punctual, practical, business man, with whom it is a pleasure to do business.

Ithaca Savings Bank. Under a safe, conservative and wise management this institution has attained a foremost position among the prominent savings banks of the country. The bank receives deposits which are invested in real estate, first-class mortgages, government, state and city bonds, constituting a security absolutely safe. At the date of its last statement its deposits were \$809,000, surplus \$109,000 and number of depositors 4,046. It was incorporated under the state laws in 1868 and its present officers are Roger B. Williams, president, and Wm. J. Storms, treasurer, while the directors number many of Ithaca's most prominent and wealthy citizens. The bank has just completed a massive four-story structure of architectural beauty and an ornament to the city at a cost of \$70,000.00 in which they will occupy handsome quarters. The banking room will be twenty-eight feet square and the trustees room 15 x 20 feet in size, all of which will be elegantly furnished and equipped with a massive Herring fire-proof vault, containing a large burglar-proof safe and many other conveniences.

E. W. Wolcott, No. 3 W. State street. Mention of the business interests of Ithaca would be incomplete without touching on that of furniture, of which Mr. E. W. Wolcott on West State street, is probably the best known. He is sole proprietor of the business he established February 1st, since which time he has experienced great prosperity and built up the handsome trade he now enjoys. His place consists of four floors, 25x80 feet, which are devoted to furniture, and it is the boast of Ithaca people that they can get identically the same styles and qualities in all kinds of furniture at much lower prices here than in the larger cities. Mr. Wolcott takes a pride in carrying the modern and attractive things, and his store is thoroughly stocked with Parlor and Chamber Suits, Fancy Chairs of all descriptions, Stands, Easels, Sideboards, Springs and Mattresses, Extension and Centre Tables, together with a fine line of Baby Carriages, etc. He employs three people and repairing and upholstering is done on short notice and reasonable terms. No one stands higher as a business man and gentleman than Mr. E. W. Wolcott.

C. B. Brown, No. 34 E. State Street. The chaste and elaborate productions so brilliantly displayed in this, one of the largest jewelry stores in the city, are in striking contrast with the clumsy efforts of olden times. Mr. Brown established this business in 1870

and each year has seen it increased and enlarged. The interior is very attractive and the stock is complete in Gold and Silver Watches, Silverware, Umbrellas and Canes, Fine Fishing Tackle and a thousand and one things in the way of jewelry. He is agent for and makes a specialty of the "Rockford" and "Boree & Courvoisier" Watches. The specialty of the house is Diamonds and Precious Stones, a large stock of which is carried. Three polite clerks are employed and Mr. Brown is an expert repairer and has a fine knowledge of the business in general.

Perry & Co., Sage Building. We are safe in asserting that nowhere can there be found a finer stock of Clothing and Furnishing Goods than that of Perry & Co. in this city. This house is not one of the mushroom concerns which spring up in an hour to perish almost immediately. Established in 1885 its name has been a synonym of high character, fine business talent and careful attention paid to the wants of patrons. Whatever is best in the market in the way of Boys', Youth's and Men's Clothing, Furnishing Goods, Shirts, etc., which are imported directly from first hands and of the latest styles and patterns, is always to be found at this place. The storeroom is a large and commodious one and employment is furnished to two polite clerks. Mr. O. A. Perry, the proprietor, will be found honorable in all his dealings and his house has prospered as it deserves to prosper.

P. Stephens, No. 8 E. State street. The people of Ithaca are to be congratulated on being possessed of one of the best regulated meat markets in western New York. Mr. Stephens is an experienced butcher and also possesses a rare skill in the preparation of the different kinds of Sausages, and has his place of business fitted up with steam and other facilities for their manufacture. His storeroom is 25x100 feet, neatly arranged and equipped with a refrigerator for the preservation of his products. He also occupies the second and third floors for storage purposes, Lard Rendering, and does quite a wholesale shipping business in Pork and Lard. His slaughter house is located on the out-skirts of the city and he kills weekly from three to four head of cattle. Mr. Stephens enjoys a large trade in all kinds of Fresh and Salt Meats, and employs four men and one team. He established his business in 1842 and is a straight forward business man with many friends.



G. W. Frost, corner State and Aurora Streets. This city is well supplied with many large, first-class grocery stores; among which must be classed in the foremost rank that of Mr. G. W. Frost, who has been in the grocery business at the present location for the past twenty-four years. He occupies two floors, the dimensions of the same being 35 x 50 feet. The upper floor is utilized for storage purposes, while the storeroom contains a fresh and complete stock of Staple and Fancy Groceries, Sugars, Coffees, Teas, Provisions, Flour, American luxuries, Canned and Shelf Goods, in short everything usually found in an establishment of this kind, of the best quality, fresh, pure and wholesome. Mr. Frost employs four clerks and two teams and gives every detail of the business his personal attention.

The United Glass Company. Without a doubt the most prominent and largest industry of Ithaca is the above concern, which is one of the largest and best arranged glass works in the country. The main furnace buildings are 100 x 205, 100 x 100, 75 x 100 feet in dimensions and contains two eight-pot and two ten-pot furnaces. There are two flattening and annealing buildings each 90 x 125 feet, while the two buildings occupied by the cutting and packing departments are 40 x 150 feet each. The engine rooms, mills for grinding the crucible material and the box shops are 40 x 115 feet. The crucible buildings where the melting pots are made are two-story structures 40 x 125 and 40 x 60 and the batch houses are 38 x 62 and 30 x 60 feet each. Both single and double-thick patent white crystal sheet glass is produced, the works being built according to the most improved plans for the economical production of a superior quality of glass, and furnish when running, full employment to 250 men. The works were formerly known as the Ithaca and Washington, but two years ago were consolidated and became part of the United Glass Company, who control in different parts of the country nineteen other works. The works here are in charge of Mr. B. F. Slocum, an expert glass worker, and under his wise and able management the future prosperity of these works seem positively assured.

The Tompkins House, corner Aurora and Seneca streets. The above hotel, of which Mr. E. B. Hoagland is proprietor, was opened to the public in 1840. It is one of the most advantageous places of public entertainment in this entire section. It contains seventy-two sleeping rooms and the dining-room will seat seventy-five guests. All the conveniences of a first-class hotel are available, including parlors, reading and bar-rooms. The dining-room is in charge of competent chefs, who see that all the delicacies and luxuries in the market are furnished to the guests. Twenty polite assistants are employed and the rates are \$1.50 per day. Special rates are made to permanent guests and parties remaining any length of time. A first-class barn is attached to the hotel and the best of care is given to all horses left in charge. Mr. Hoagland has been the proprietor for more than four years and gives the business his personal attention.

C. S. Wattles, corner State and Tioga streets. As a representative establishment of this class, contributing largely to the commercial importance of Ithaca may be mentioned the above firm, which was established in 1874. Two floors and basement, each 30 x 50 feet in size are occupied for the transaction of the business and two men are employed. A general wholesale produce and commission business is carried on and consignments are given prompt attention. Garden and farm seeds of all kinds are also dealt in and the trade extends within a radius of twenty-five miles. Mr. Wattles is universally regarded as among the most thoroughly reliable merchants in this section of the country.

C. M. Stanley, No. 14 E. State street. The Boot and Shoe house of Mr. Stanley occupies a leading position in this line of enterprise and was established in 1871. He is admirably located at the above number in a storeroom 18x90 feet in dimensions, which is filled with as fine assortment of Boots and Shoes as can be found in the city, and handles nothing but the very best grades, importing the same from

the largest and most prominent manufacturers. Two clerks are employed and a specialty is made of fine repairing, the work-shop being located in the rear of the store. Mr. Stanley does a retail business only and commands an immense local trade.

William R. Gunderman, Esty Storehouse, at the Inlet. We cannot refrain from making the above gentleman the subject of a special notice. The business has been established for many years and one year and a half ago fell into the hands of Mr. Gunderman. The plant occupied consists of a three-story mill and elevator, equipped with modern grinding machinery and has a capacity of 100,000 bushels of grain. Feed and Meal are ground to order promptly and Flour, Feed, Meal, Grain, Salt, Water Lime and Cement are extensively dealt in. Cash is paid for grain of all kinds and in the fall of the year heavy shipments of Rye, Buckwheat, Barley, etc., are made to eastern markets. The premises are 120 x 120 feet in size and one man is employed. The proprietor is held in high esteem as a conscientious and energetic business man.

E. S. Jackson, No. 72 E. State street. As a representative of our reliable and prosperous mercantile establishments, the grocery house of Mr. Jackson calls for special recognition. This gentleman occupies three floors and basement, complete in all their arrangements, the dimensions of the same being 15x60 feet. The storerooms contain one of the choicest selected assortments of Staple and Fancy Groceries, Canned and Shelf Goods, Provision, etc., to be found in the city. Only the best brands are kept in stock, including fine Teas and Coffees, which are imported direct from first hands. One clerk is employed and the store is very neat and attractive, and goods are arranged in an inviting manner. Mr. E. S. Jackson, the sole proprietor, has conducted the business since 1869 and his representations may always be relied upon.

J. A. McCauley, opposite D., L. & W. depot. The above gentleman is one who for the past three years has furnished a market for the farm products in this section. The plant occupied is a large one, three stories high, 40 x 90 feet in dimensions, with a capacity of 50,000 bushels of grain and filled with the most modern machinery for elevating, shelling, etc. One of his specialties is the grinding of Feed and Meal. Cash is paid for Wheat, Rye, Barley and in fact all kinds of grain, which he ships to eastern markets. He is an extensive dealer in Grain, Feed, Flour, Water Lime, Salt, Fertilizers, etc., and gives employment to one man. Mr. McCauley is looked upon as one of the solid business men of this city.

Samuel J. McKinney, No. 13 S. Tioga street. A well-known and deservedly popular business house is that of the above gentleman, who commenced business here about one year ago, under the most favorable auspices. The store is a commodious one, 20x25 feet, with a large workshop in the rear, and is well stocked with everything pertaining to his special line and enjoys unusual facilities for Plumbing, Steam and Gas Fitting in all its branches and general repairing, employing two skilled workmen. Mr. McKinney is himself a practical and experienced man and will undertake contracts in his line of any magnitude, and is prepared to figure on work abroad. He makes a

specialty of handling "Gurney Hot Water Heaters" and also the "Florida Steam Heaters," and his business is noted as one of the best conducted establishments in the city.

Duane D. Owen, Nos. 24, 26 and 28 South Cayuga Street. The business conducted by the above gentleman is the pioneer in this line. It was established by Peter Van Houter twenty-five years ago and after several changes fell into the



hands of Mr. Duane D. Owen last September. The office and yards on Cayuga street cover 100 x 100 feet of ground and another yard 200 x 200 feet is occupied on Titus flats, River street. A finely assorted stock of Lumber, Lath, Shingles, Mouldings, etc., is constantly carried, being the only firm in the city handling Patent Sheathing Lath and Cypress Shingles. Mr. Owen employs from two to ten men, as occasion demands, it being his

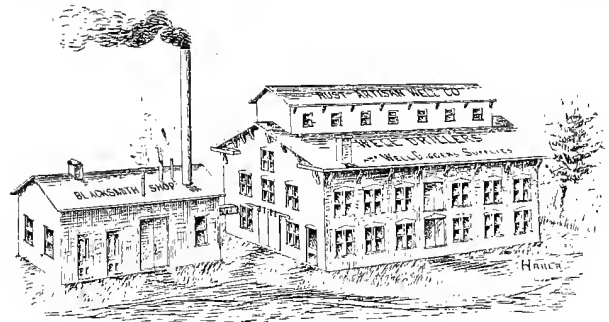
primary object to place the consumer as near to the stump as possible, saving him the expense of all unnecessary intermediate handling and furnishing the finished lumber, such as Moulded Casings and Base, etc., at the very lowest possible cost. Consumers, we appeal to your sense of reason; is not this the way to serve you? Mr. Owen will furnish you with a shingle that will last longer on the roof than any other, at the same time will give you shingles all of one width (say six inches) saving one-half cost of laying and making a roof where the joints must necessarily be well broken, no matter how careless the man may be who is putting them on. Many men have bought promiscuous width shingles at a high cost and at the first shower after laying have found the new roof to leak quite as badly as the old because the joints were not properly broken, and these shingles are only handled by Mr. Owen in Central New York and at same cost as any good promiscuous width shingle. Casings and Base, moulded in beautiful patterns, Mr. Owen is enabled to produce and carries constantly in stock, by leaving the waste at the "stump mills" and thereby saving freight etc., sufficient to give you these Casings and Base at the cost of the lumber delivered in the rough. This perhaps seems untrue, but he will prove it to you

or pay your expenses if you will come and see. Another source of saving to the consumer is the sheathing-lath, which is only sold in Ithaca by Mr. Owen. It is a combination of sheathing and lath and will make a warmer, stronger, drier and better house in every respect than the old way. It saves cost of lath and furring and labor in putting them on and 35 per cent. of the mortar and makes a perfect foundation for deafening. To reiterate, it does away with the entire lath and lathing for the outside walls of your house and virtually at the same cost of ordinary sheathing. You have discovered ere this a "get there" sense in Mr. Owen's business and you can rest assured that any orders left with him will get to your station just as soon as steam will convey it and at the minimum cost. This idea of getting things as near the stump cost as possible has brought this firm into prominence not only as competitors of the larger wholesale

houses but to furnish these houses, in car lots, hardwood lumber, such as Cherry, Oak, Ash, Chestnut, Basswood, Maple, Beech and Birch and shipped to such cities as Rochester, Albany New York, Philadelphia and Baltimore and some of the largest wholesale houses in these cities.

Rust Artesian Well Company. A new industry just started about six months ago, and one which must prove of the greatest value to Ithaca, is the above, as its products find a market in every State of America and all foreign countries. They have been in this business over twenty-five years, and have always been at the head in progress and improvement. Their name has become a household word in this business, and is every

where accepted as a guarantee that all well tools bearing their stamp are good. They commenced by making wells and occasionally selling a machine. Their work soon demonstrated the necessity of good tools and good machinery. Their machine and tools were first gotten up solely for their own use, and they have made wells with them in nearly every State and territory. Their universal success soon gave these tools and machinery a character and reputation not possessed by others, and the large demand for them compelled them to arrange to manufacture on a large scale. They have now the largest and most completely equipped shops devoted exclusively to this business to be found in America. Their main building is 50x100 feet and three stories high and is devoted to iron and wood working and painting. This building is equipped with an entire new outfit of iron working and wood working machinery and is steam heated throughout. Their blacksmith shop is a building 30x60 and thoroughly equipped with steam hammers, drop hammers, ordinary blacksmith forges and coke and hard coal ovens. Everything is new and of the best and most improved style that money can buy. They use nothing but the best lumber that can be found. Seasoned oak and pine being used exclusively in the wood work, and the very best castings and steel shafting complete the frames. Great care is used in selecting the material for these Tools. The Bits are the most important tool in a drilling outfit. They use a special steel for the blades or cutting parts, made expressly for this purpose and costing five cents per pound more than English steel, and being a finer and more expensive steel than is used by any one else for this purpose. Their Bit Shanks are made from the best U. S. iron. This is the best grade of iron on the market, and is



used exclusively in their Bit Shanks. Their twenty-five years' experience in this business has shown them that nothing can be too good for well tools. The next tool in importance is the Jars. They make Jars that are much better proportioned and heavier and stronger than those made by others. Their long experience in this line has given them many points in the manufacture of Well Tools not possessed by others. As a result of this long experience they have produced Jars of finer shape and design and carrying more metal to their size than any others. Consequently they are stronger and will stand more hard pounding. The only use to which Jars should be put is to loosen the tools when they get fast. The more heft and strength in the Jars, the better they will do this work. Their Jar ends are made from best U. S. iron, while the Reins and all wearing surfaces are from best steel. They know these Jars to be the best in existence. Their Auger Stems are made from best cold rolled iron, and all the Joints and the rope Sockets are made from best U. S. iron. Their wrenches are made from the best refined iron and are extra heavy. Their Sand Pumps are made from boiler flues with Steel Bottoms and are guaranteed the best in the market. They furnish Tool Gauges for the different sized Bits and Thread Protectors for all Joints. They furnish Straight or Taper Joints at the same price. Their Drilling Cables and Sand Lines are made expressly for them from the best Hawser laid Manilla and are far superior to the cables and sand lines usually furnished. One of the great objections to all Treadle Machines heretofore manufactured and still manufactured by others is the small size of the Crown Pulley. The rapid passage of the cable back and forth over a small pulley while drilling with a treadle machine and in spudding in with any of the machines caused the cable to heat and burn off at the crown pulley or weaken it so as to make it useless. To overcome this trouble they have introduced a crown pulley of from two to three times the size of those usually used in other machines. This improvement entirely overcomes the burning off of the cable. All tools stamped with their name, and are guaranteed to be perfect in every respect.

Ithaca Beef Company, corner Seneca and W. Port Streets. The above concern has supplied the local dealers with an excellent quality of dressed meats of all kinds for the past eight years. The house is a branch of the celebrated Swift concern, of Chicago, and their cold-storage house is a two-story structure 30 x 90 feet in size, built expressly for their purpose.

The business at this point is very extensive, averaging two car loads per week. The building has a capacity of three car loads at the time and 100 tons of ice. The manager of the business for the past five years is Mr. C. S. Hall, a thoroughly practical man, acquainted with all the details of the business.

Eagles, Photographer, No. 11 S. Tioga street. Mr. Eagles has the largest and best appointed studio in Ithaca and makes a specialty of architectural and landscape photography. The best artists only are engaged in his gallery; the proprietor himself ranking among the highest in the land, and his skill and taste is recognized all over the world. Mr. Eagles established himself in business here in 1875, and also deals extensively in all kinds of photographers supplies. All visitors are greeted with cordial welcome and a pleasant hour can be spent in a tour of inspection through the different departments of this palace of wonderful skill and art.

G. W. Melotte & Co., Wilgus Block. In this article it is our desire to call the attention of jewelers, dentists and metal workers to the soldering apparatus invented and patented by G. W. Melotte. These appliances meet a long-felt want and are improvements of great value, being already in use by hundreds of dentists and jewelers all over the Union. They are the Improved Glass Blow-Pipe, Blow-Pipe Pad and Soldering Clamps. These goods find a ready market throughout the country and the demand for them is constantly increasing, owing to the superior advantages possessed by them. Mr. Melotte has associated with him in this business Mr. W. H. Smith, but the practical management and supervision of its affairs devolve upon Mr. Melotte, who gives every detail of it his personal attention.

Andrus & Church, No. 41 E. State Street. The foundation of this business was laid as far back as 1824 by the father of William Andrus and after a number of changes the present firm, which is composed of William Andrus and William A. Church succeeded to it in 1879. Their storeroom is 25 x 80 feet in dimensions and is filled with a large stock of miscellaneous School and Blank Books, Standard Works, Stationery and Sporting Goods generally. Three polite clerks are in attendance. They also conduct a well-equipped printing office and book bindery in the rear. Three presses and nine men are employed in the printing office and six persons in the bindery. All the college papers and periodicals are issued here.

H. V. Bostwick, Nos. 8, 10 and 12 Clinton street. A review of the leading establishments of Ithaca would certainly be incomplete without particular mention being made of this most important industry. The business was founded by Mr. Bostwick, who is a thoroughly practical and experienced man in this line, in 1866. The premises occupied comprise a three story building 40x80 feet and an engine room 12x24 feet, and well adapted to the successful transaction of his rapidly increasing business. The works are fitted throughout with the best and most improved machinery, and a large force of skilled mechanics are employed in the manufacture of Flour, Fruit and Pork Barrels of all sizes, also Pear Kegs, Firkins and Butter Tubs, Tanks, Cisterns, etc., which find a market in Southern New York and Northern Pennsylvania and are acknowledged by all first-class packers, as the best made. In season Grape, Berry, Peach Baskets, Crates, etc., form a specialty and are extensively dealt in. The success of this enterprise is due to the superior quality of the products, the skill of his workmen and the business get-up of Mr. Bostwick.

Dixon & Robinson, Office and Yards, Foot of West Seneca street. Among the several flourishing concerns of this kind in Ithaca, without doubt the largest and most prominent is that of the above concern, which was established in 1888. The firm are wholesale and retail dealers in all kinds of Lumber, Laths and Shingles, and extensive manufacturers of Doors, Sash, Blinds, Door and Window Frames, Mouldings and Dressed Lumber. The yards cover four acres of ground and about 400,000 feet of lumber is always stored here. Their planing mill 40x60 feet in size, two stories high is thoroughly equipped with all the necessary machinery and appliances, and employment is furnished to fourteen men. The volume of trade is very extensive in this city and surrounding country, owing to the prices quoted and the excellent shipping facilities enjoyed by them. Messrs. George J. Dixon and R. G. Robinson are the individual members of the firm both of whom are liberal and enterprising gentlemen.

G. L. Clapp, At Inlet. The products of these works rank among the best in the market. All kinds of Carriages, Buggies, Phaetons, Surreys and light vehicles are the specialties of this house, making first-class work exclusively. Besides manufacturing he does Painting, Trimming and Repairing in the most satisfactory manner. The business was established eight years ago, and at once sprung into public favor. The works are three stories high, 40x120 feet in size and employment is furnished to ten men. There is not a more competent man in his business than Mr. Clapp and he has many warm personal and business friends.

Treman, King & Co., Nos. 1 and 3 E. State Street. The leading house of Ithaca engaged in this important branch of commercial interest is that of the subject of this editorial. The premises occupied by this firm is a four-story structure, with basement, 60x110 feet in size and arranged expressly for this business, being stocked with a complete line of Hardware, Mechanical Tools, Shelf Goods, House Furnishing Goods and Tinware of every description, several styles of Stoves and Ranges, Paints, Oils, all kinds of Glass, Bar Iron and Steel and many other specialties too numerous to mention. The first floor with its elegant show windows and cases certainly form one of the attractions of the city for its metropolitan appearance. The trade of the house extends within a radius of twenty-five miles and twelve men are employed in the different departments. This is one of the pioneer industries of Ithaca and dates its origin as far back as 1844, when it was established by L. and L. L. Treman. In 1851 Elias Treman was admitted and the firm became Treman Bros. It remained so until 1857 when Mr. King was admitted and it became Treman, King & Co. In 1888 Mr. L. Treman died and in 1890 Mr. R. H. Treman was admitted to partnership, the members of the firm to-day being L. L. Treman, Elias Treman, L. R. King and R. H. Treman, son of Elias.

Ithaca Broom Co. A business that is deserving of more than passing mention at our hands is that of the above, which was established about fifteen years ago. The works is a three story building 50x120 feet, equipped with all the necessary broom making machinery and furnishes steady employment to fifteen people. Plain and Fancy Brooms, Whisk Brooms, and in fact brooms of all kinds are manufactured, the annual output amounting 8,000 dozen. The proprietor, Mr. C. M. Titus is a prominent real estate dealer and a business man of great enterprise and value to this city.

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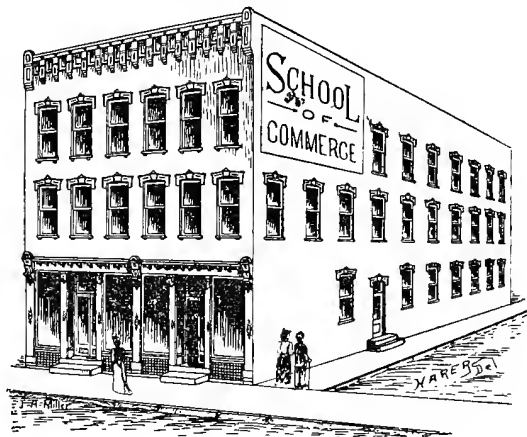
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